

LAWRENCE BROTHERS



CATALOG
NUMBER 11

STERLING·ILL



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*Catalogue Number
Eleven*

Lawrence Brothers

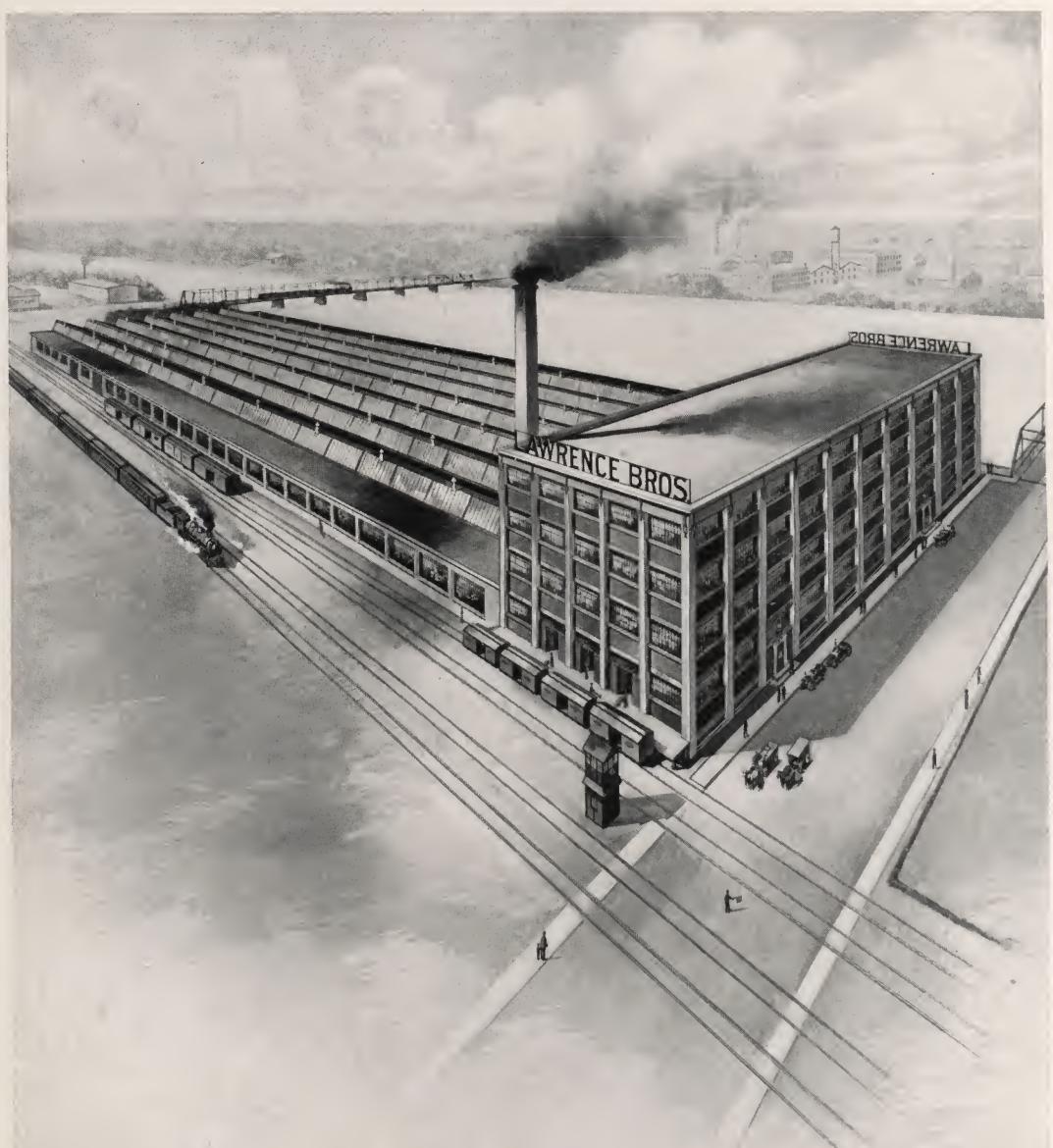
John H. Lawrence

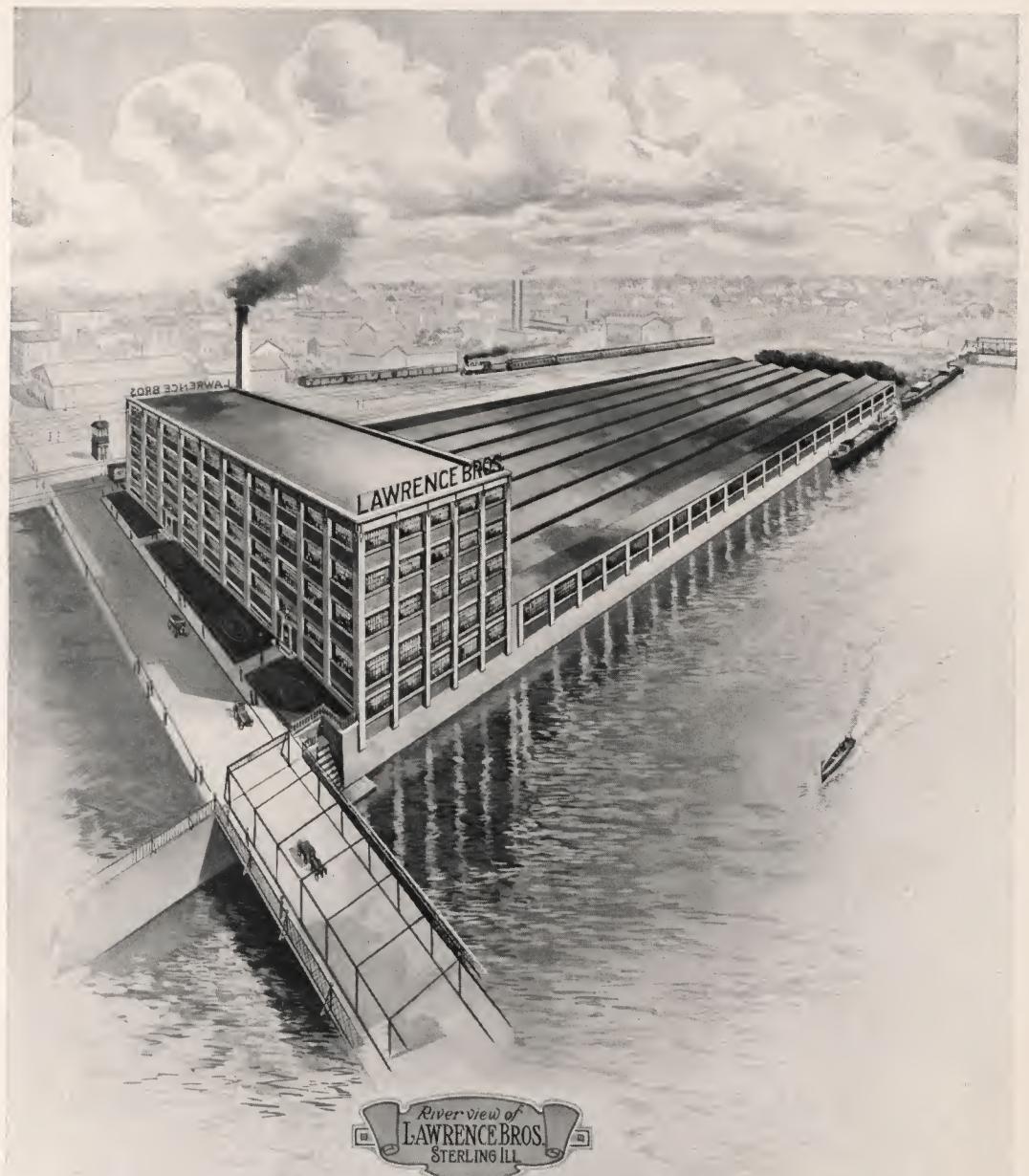
Edwin F. Lawrence

Manufacturers of
Barn, Garage and Parlor Door Hangers
Track, Wrought Steel Butts
Strap and T Hinges and
Other Builders
Hardware

First Avenue Bridge
Sterling Illinois

U - S - A





River view of
LAWRENCE BROS.
STERLING ILL

Lawrence Brothers

With a model factory building, an organization of skilled mechanics, an equipment of modern machinery and tools; all coupled with the practical experience of over forty successful years, this factory is today the leader in the manufacture of door hangers, butts, strap and tee hinges and other builders' hardware as illustrated in this catalog.

S t e r l i n g - I l l i n o i s

Points of Information

Old Catalogs: These should be destroyed as this catalog includes many additions to the line not shown in other catalogs together with many improvements.

Quality of Goods: We stand back of and guarantee all of the goods in our line to be the same as represented. We exercise great care in the selection and purchase of materials and we are continually experimenting and testing our product with the view of maintaining the high standard of our goods.

Goods in Stock: The items shown in this catalog are carried in stock and constitute our regular stock for immediate delivery.

Mail Orders: Mail orders for goods in stock will be shipped the same day the order is received if so desired. Parcel post packages are sent at purchaser's risk unless we are requested to insure.

How to order: It has been our aim in preparing this catalog to simplify descriptions and numbers to obviate confusion in ordering goods. We do not presume to dictate a method for ordering, but would suggest that dealers use catalog numbers to insure securing the goods wanted. We will use our judgement as to the best method and route for shipping unless instructions are furnished.

Special Work: This branch of our business has developed into one of considerable proportions. We have as part of our equipment a large number of dies which we are often able to use for special work, thus reducing the usual high cost of producing small runs of special jobs. We solicit an opportunity to submit figures on special hinges and butts, staples, bent angles and similar work.

Models: We will furnish complete sample boards and hanger models to dealers desiring same, at actual cost of manufacturing.

Weights: Weights given are only approximate and are not in any case guaranteed, owing to variation in stock from which the goods are manufactured.

Quotations: All inquires will be given immediate attention and we shall be pleased to quote prices on any item illustrated in this catalog or upon the entire line. Prices are subject to change without notice.

Terms: Our terms are 60 days net, two per cent off for cash in ten days from date of invoice, payable in Chicago or New York exchange. All accounts are subject to sight draft if not paid when due.

We Do Not Sell To Mail Order Houses.

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Electro-plate Finishes

Our regular finishes include all of the popular electro-plate finishes. These are enumerated on this page. The beautiful effects produced on our hardware are due to our superior methods of plating and to our modern plating equipment housed in well lighted and ventilated rooms.

Our facilities for plate work are so extensive and so well organized we are prepared at any time to undertake special work to match samples submitted. We will be pleased to open correspondence on this subject and will upon request send samples for inspection.

Finishes and their Abbreviations

Old Copper	O C
Old Copper Sand Finish	O C S
Dull Brass	D B
Dull Brass Sand Finish	D B S
Dull Brass, Slightly Oxidized, Sand Finish	D B S S
Dull Brass Slightly Oxidized	D B S O
Oxidized Brass	O B
Oxidized Brass Sand Finish	O B S
Buffed or Bright Brass	B B
Nickel	N
Bronze	Bz
Dipped Dead Black	D
Dead Black Electro-plate	D E
Royal Copper	R C
Japanned	J
Galvanized	G

Lawrence Electric Trolley Hanger



No. 33

Designed for Lawrence Electric Trolley Rail

Description

Truck: Four lathe-turned flat tread wheels in substantial truck frame. Roller bearing. All steel construction.

Connecting piece and drop-strap: The connection allows a desirable amount of freedom but brings the door and track close together. The drop-strap is yoke shaped and provides a secure method of attaching the hanger to the door. Drop straps are japanned and baked.

Accessories: Hangers are packed one pair in a box with two end caps and the necessary screws for same.

Six bolts, $2\frac{1}{4}$ in. x $\frac{5}{16}$ in. are furnished to attach the drop-strap to the door.

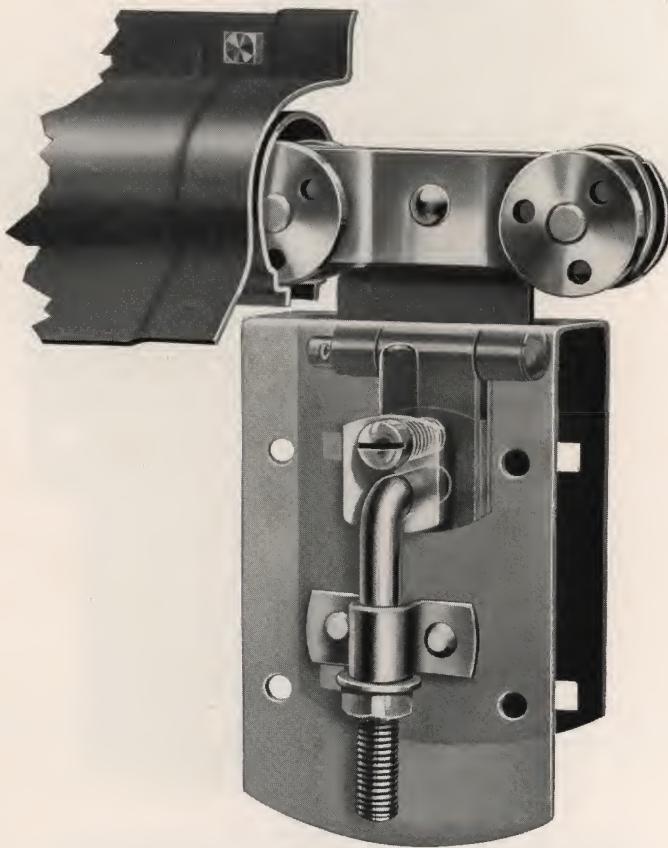
Twelve coach screws, $\frac{5}{16}$ in. x 2 in. are included with each pair of hangers, for attaching rail.

Hangers are packed one pair in a box; twelve pairs in a wooden case. Weight per dozen pairs, 100 lbs.

No. 36

No. 36 Hanger consists of the No. 37 truck and No. 33 drop strap.

Lawrence Electric Adjustable Trolley Hanger (Patent Pending)



No. 35

Lateral and Vertical Adjustment. Designed for Lawrence Electric Trolley Rail Description

Truck: Same as No. 33.

Adjustment: The adjusting parts are outside of the drop-strap on the front of the hanger. The screw at the top of the drop-strap adjusts the lateral movement. The nut at the bottom adjusts the vertical movement. All adjusting parts are galvanized.

Accessories: Hangers are packed one pair in a box with two end caps and the necessary screws for same.

Eight bolts, $2\frac{1}{4}$ in. x $\frac{5}{16}$ in. are furnished to attach the drop-strap to door.

Twelve coach screws, $\frac{1}{8}$ in. x 2 in. are included with each pair of hangers, for attaching rail.

Hangers are packed one pair in a box; twelve pairs in a wooden case.
Weight per dozen pairs, 115 lbs.

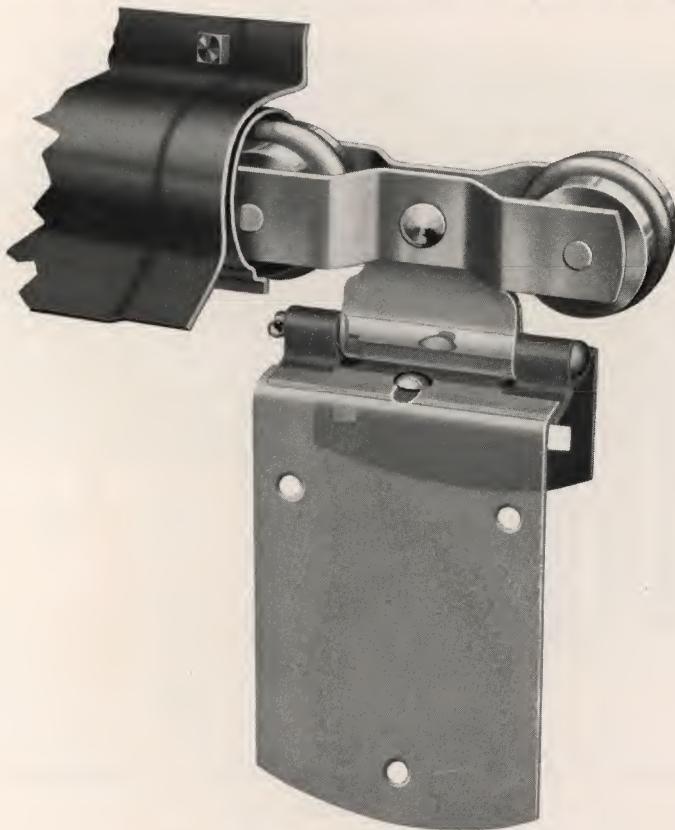
Directions for fitting hangers are packed with each pair.

No. 38

No 38 hanger is No. 35 hanger with No. 37 truck.

We recommend this hanger for heavy doors where hangers are subject to abuse. The heavy cast wheels have long roller bearings.

Lawrence Electric Heavy Door Hanger



No. 37

**Two Wheel Truck Adjustable Drop-strap
Designed for Lawrence Electric Trolley Rail**

Description

Truck: The truck for this hanger has two heavy cast wheels with $\frac{1}{4}$ in. roller bearings, moulded and turned to fit the bottom of Lawrence Electric Trolley rail.

The connecting piece and drop-strap: The connector of this hanger is especially constructed for heavy doors. The drop-strap is adjustable to doors $1\frac{3}{4}$ in. to 3 in. in thickness. The adjustment is automatic and is controlled by the drop strap bolts. Drop straps are japanned and baked.

Accessories: Hangers are packed one pair in a box with two end caps and the necessary screws for same.

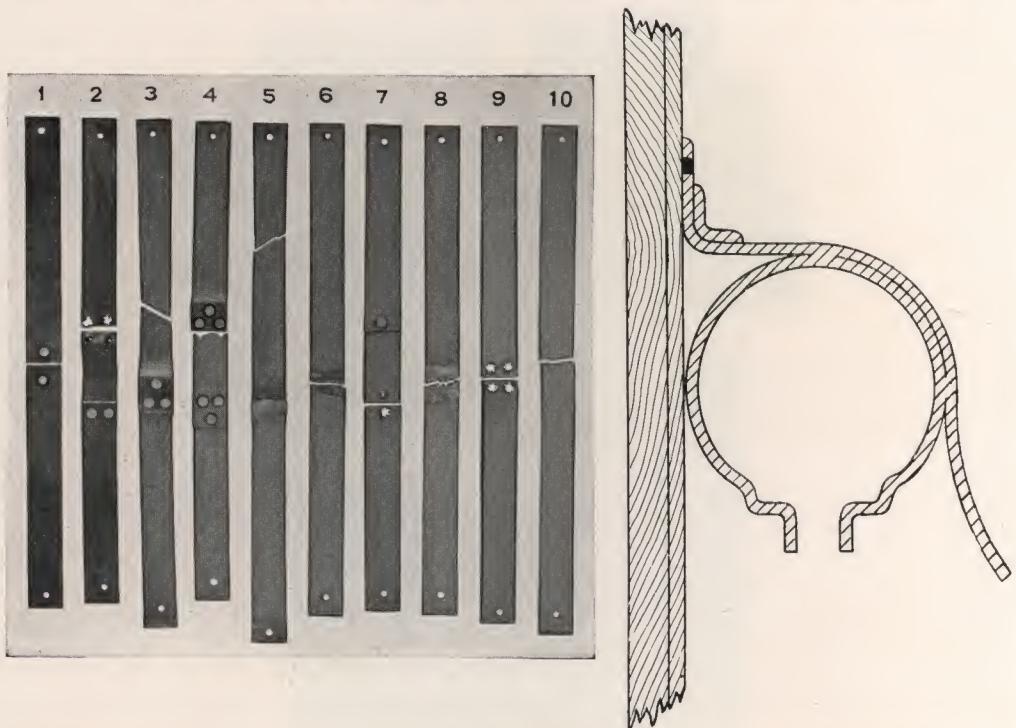
Six bolts, $2\frac{1}{4}$ in. x $\frac{5}{16}$ in. are furnished to attach the drop-strap to the door.

Twelve coach screws, $\frac{5}{16}$ in. x 2 in. are included with each pair of hangers, for attaching the rail.

Hangers are packed one pair in a box; twelve pairs in a wooden case. Weight per dozen pairs, 125 lbs.

We Make Five Hangers for Electric Rail, No. 33, No. 35, No. 36, No. 37 and No. 38.

Cross-section of Lawrence Electric Rail No. 303



A Demonstration of the Strength of Spot Welding as Applied to Lawrence Electric Trolley Rail.

Read These Convincing Tests

- 10 specimens of hoop steel subject to test showing tensile strength. All pieces of same size, 1.12x.035 inch.
 - No. 1 Spot welded in one place, broke at weld at 1,625 lbs.
 - No. 2 Spot welded in two places, also two rivets—broke at rivets at 1,555 lbs.
 - No. 3 Spot welded in three places—broke outside weld at 2,715 lbs. (Notice elongation of metal.)
 - No. 4 Spot welded in three places, also three rivets—broke at rivets at 2,055 lbs.
 - No. 5 Solid lap weld—broke outside weld at 2,720 lbs.
 - No. 6 Butt welded—broke at weld at 2,555 lbs.
 - No. 7 Spot welded in one place and riveted once—broke at rivet at 990 pounds.
 - No. 8 Solid lap weld—broke at weld at 2,425 lbs.
 - No. 9 Spot welded in two places—broke at weld at 2,275 lbs.
 - No. 10 Plain piece of hoop steel iron, not welded—pulled apart at 2,690 lbs.—Courtsey The Toledo Electric Welder Company, Toledo.

There Are Two Rows Of Spot Welds in Each Piece of Lawrence Electric Rail

Three foot pieces have 15 spot welds.

Four foot pieces have 19 spot welds.

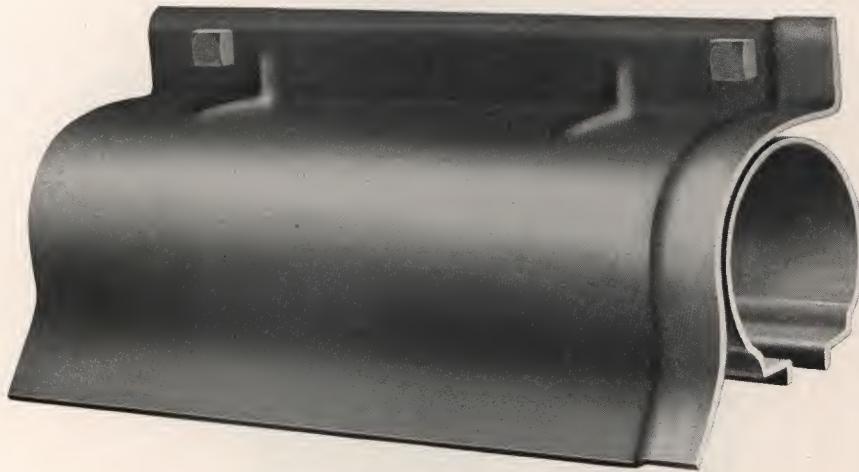
Six foot pieces have 27 spot welds.

Each piece of rail has double welds on the ends

Electric Spot Welds Join Cover and Track into One Solid Rail

Lawrence Electric Trolley Rail

(Patented Oct. 8, 1912)



No. 303

Important Features

A continuous electrically welded bracket gives unusual strength and provides a support which is always opposite the weight of the door.

A storm and bird-proof canopy provides protection above and below.

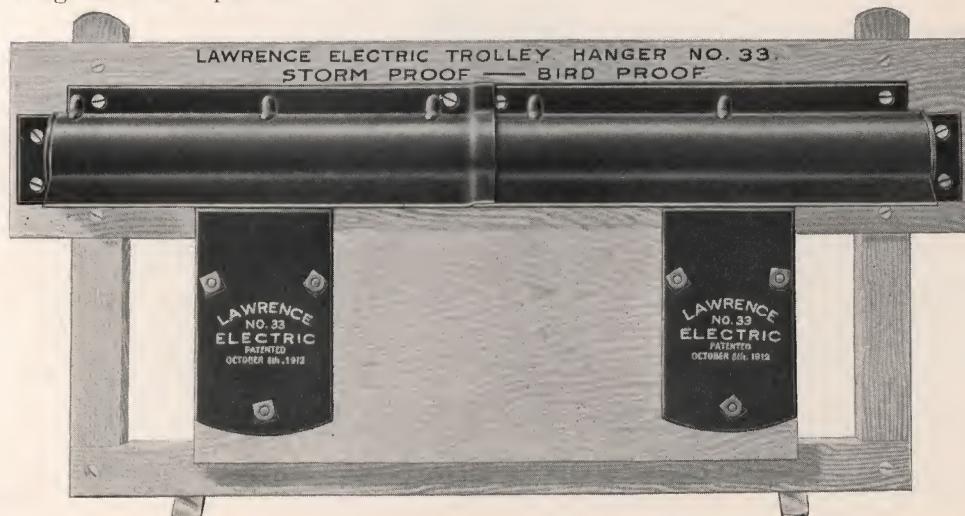
A self-cleaning track prevents needless accumulation.

An easy method of attachment is appreciated by carpenters.

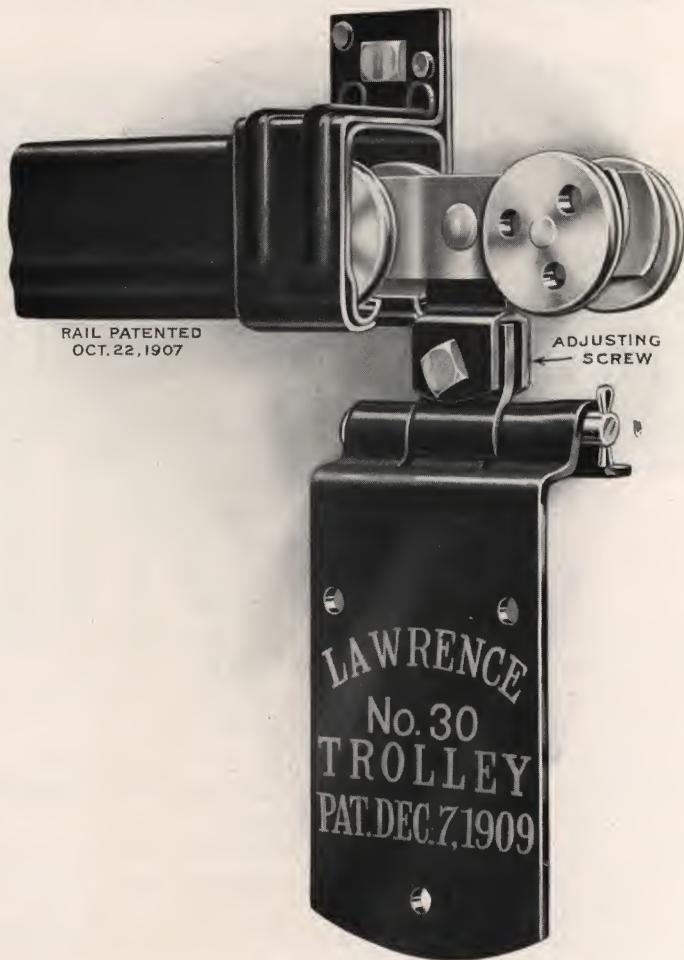
Approximate weight of 315 pounds per 100 feet makes Lawrence Electric the strongest and heaviest rail on the market.

The weight of the door is evenly distributed over both sides of the track.

Coach screws are packed with hangers for attaching rail. Lawrence Electric Rail is made in three lengths: Three foot — Four foot — Six foot. All of the rail is crated forty-eight feet to the crate. The rail is nicely japanned. It weighs 155 lbs. per crate.



Lawrence Trolley Hanger



No. 30

Description

Truck: The truck for this hanger is all steel construction. There are four lathe-turned wheels in each truck. The wheels have rounded edges. The axles run on $\frac{5}{8}$ inch roller bearings.

Adjustment: The galvanized adjusting screw, indicated in the illustration above, provides ample lateral adjustment.

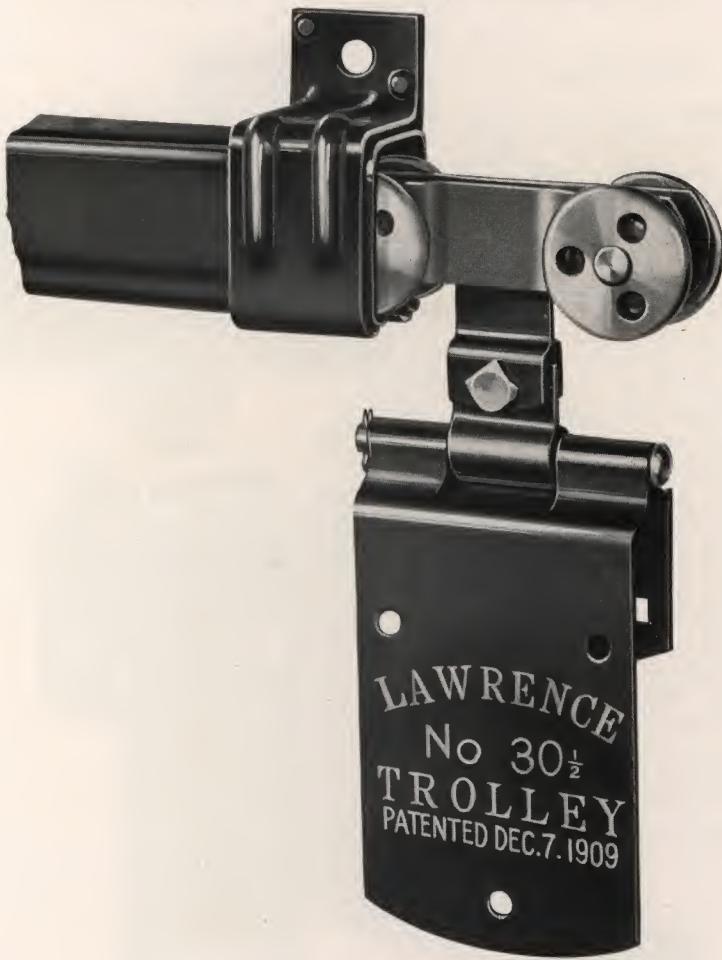
Drop-strap: The drop-strap is made of steel $\frac{3}{16} \times 4$ inches and permits attaching to any thickness of door. The drop-straps are japanned and baked.

Accessories: Hangers are packed one pair in a box with 6, $2\frac{1}{4}$ inch x $\frac{5}{16}$ bolts and 4, $1\frac{1}{2}$ inch x No. 12 wood screws for the hangers. Two end brackets, fitted with sheet metal end caps; and one center bracket are packed with each pair of hangers together with 3, $\frac{7}{16}$ inch x $2\frac{1}{2}$ inch coach screws for the brackets.

One pair of hangers packed in a box. Twelve pairs in a wooden case.
Weight per dozen pairs 150 lbs.

No. 30 Hanger is Designed for Lawrence Square Trolley Rail No. 301.

Lawrence Trolley Hanger



No. 30 $\frac{1}{2}$

Description

Truck: Same as No. 30.

Adjustment: Same as No. 30.

Drop-strap: This hanger differs from No. 30, only in the drop-strap which is made in the shape of a yoke, fitting over both sides of the door.

Accessories: Hangers are packed one pair in a box with 6, $2\frac{1}{4}$ inch x $\frac{5}{16}$ bolts and 4, $1\frac{1}{2}$ inch x No. 12 wood screws for the hangers. Two end brackets fitted with sheet metal end caps and one center bracket are packed with each pair of hangers together with 3, $\frac{7}{16}$ inch x $2\frac{1}{2}$ inch coach screws for the brackets.

One pair of hangers packed in a box. Twelve pairs in a wooden case. Weight per dozen pairs 130 lbs.

No. 30 $\frac{1}{2}$ Hanger is Designed for Lawrence Square Trolley Rail No. 301.

Lawrence Pony Trolley Hanger

Description

Truck: This hanger has a single two wheel truck. The steel wheels are lathe turned the same as used in No. 30 and No. 30½.

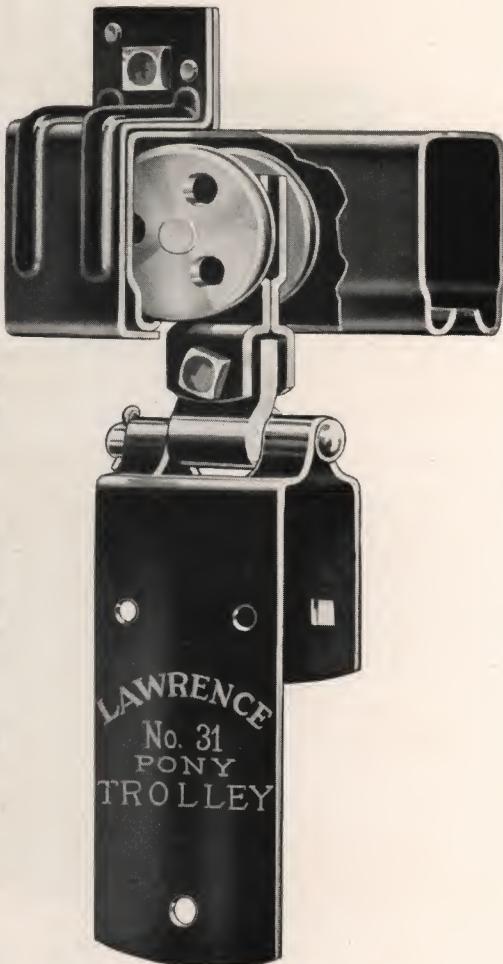
Adjustment: The adjustment is the same as No. 30 and No. 30½.

Accessories: Hangers are packed one pair in a box with 6, 2¼ inch x ¼ inch bolts for the hangers. Two end brackets, fitted with sheet metal end caps and one center bracket are packed with each pair of hangers together with 3, $\frac{7}{16}$ inch x 2½ inch coach screws for the brackets.

No. 31 hanger is designed for light work. It is especially suitable for box-stall doors, light weight partition doors, hay loft doors, and other uses where a light weight door is desirable. No. 31 is not designed for heavy service.

One pair of hangers packed in a box, Twelve pairs in a wooden case.

Weight per dozen pairs, 94 lbs.



No. 31



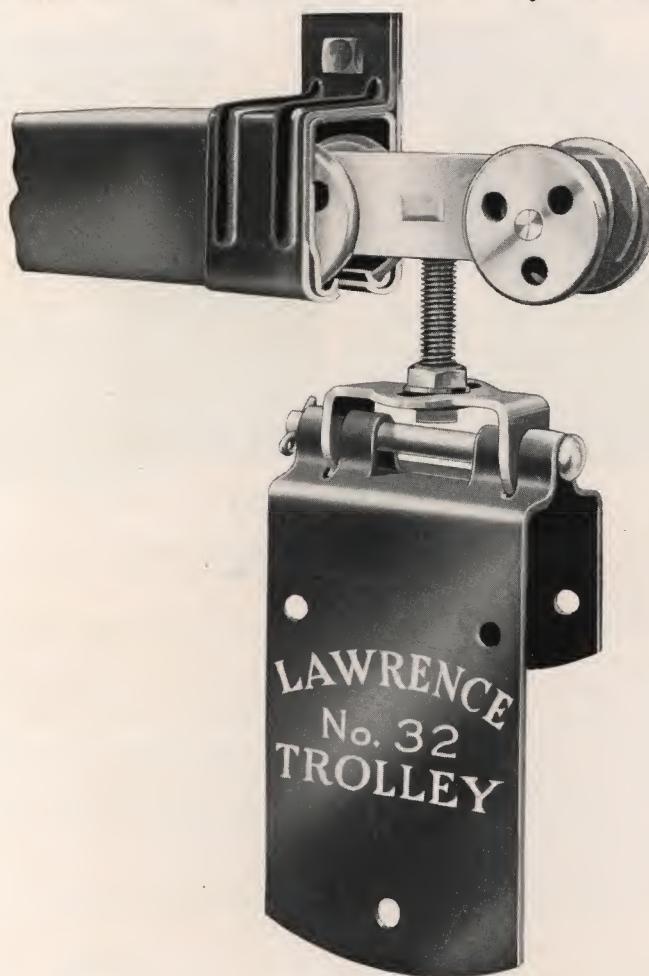
Trolley Hanger Adjustment

The accompanying illustration shows the lateral adjustment which is used in our No. 30, No. 30½ and No. 31 trolley door hangers.

Notice that this adjusting screw is below the rail where it is easily accessible.

No. 31 Pony Hanger is Designed for Lawrence Square Trolley Rail No. 301

Lawrence Adjustable Trolley Hanger



No. 32

Vertical and Lateral Adjustment

Description

Truck: With the exception of the connection, which is made with an adjusting screw the truck of No. 32 is the same as No. 30 and No. 30½ hangers.

Adjustment: The nut on the adjusting screw is turned to either raise or lower the drop-strap and when set is held securely by a nut lock washer. A slot in the connecting yoke permits adjusting the drop-strap in or out.

Drop-strap: The yoke style drop-strap is similar to the one used for No. 30½ hanger.

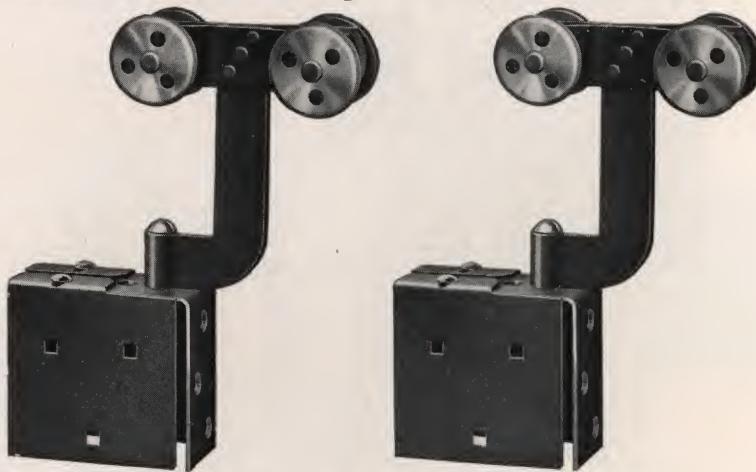
Accessories: Hangers are packed one pair in a box with 6, 2¼ inch x $\frac{5}{16}$ bolts for the hangers. Two end brackets, fitted with sheet metal end caps, and one center bracket are packed with each pair of hangers together with 3, $\frac{7}{8}$ inch x 2½ inch coach screws for the brackets.

One pair of hangers packed in a box. Twelve pairs in a wooden case.

Weight per dozen pairs 130 lbs.

No. 32 Hanger is Designed for Lawrence Square Trolley Rail No. 301.

Corner Door Hangers for Double Doors



Set No. 29

The corner door plan works to particular advantage when two doors are used for a single opening. In such cases specify Set No. 29. This set is especially designed for garage door use.

The illustrations on page 20, C. and D show two common uses of set No. 29.

Description

Truck: The rear hanger in Set No. 29 is equipped with a truck the same as is used in No. 30 hanger. The front hanger is equipped with a single truck of two steel wheels the same size as the rear truck.

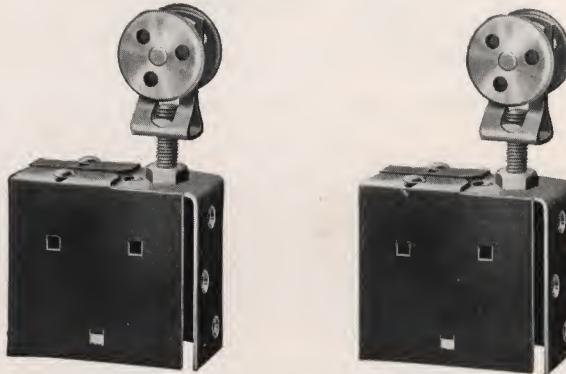
Pendant: The front hanger has an adjustable screw bolt pendant. The rear hanger has a long pendant. Both pendants are swiveled at the drop-straps.

Drop-strap: The drop-strap is adjustable to doors $1\frac{3}{4}$ inches to 3 inches in thickness. The adjustment is self-aligned and is controlled by the drop-strap bolts. Drop-straps are japanned and baked.

Accessories: Hangers are packed one set of four hangers in a box with twelve bolts, $2\frac{1}{4} \times \frac{1}{4}$ to attach the drop-straps to the doors.

Twelve sets of hangers are packed in a wooden case.

Weight per set, 12 lbs.

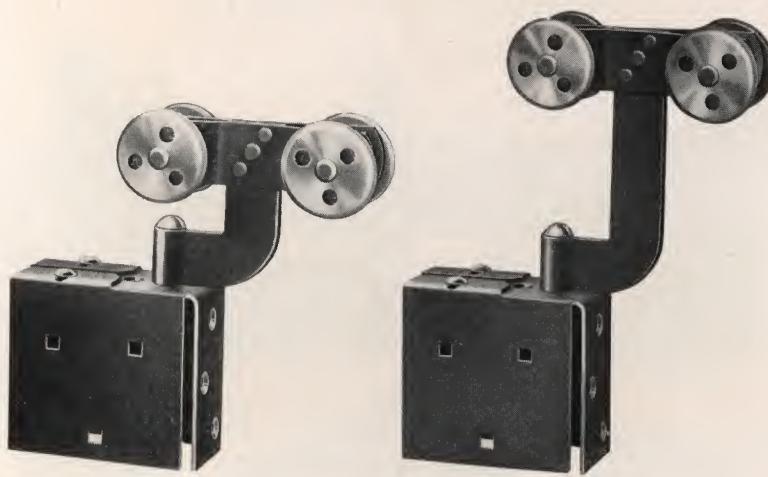


Set No. 29 is designed for use with regular Lawrence Square Trolley Rail No. 301. Brackets should be used not further than $2\frac{1}{2}$ feet apart according to weight of the doors. For single door use Set. No 29 $\frac{1}{2}$ described on the following page. See page 42 for list of guides.

Please notice that Set No. 29 is designed for double door use.

Send for a copy of our descriptive book, "The Lawrence Garage Book."

Corner Door Hangers for Single Doors



Set No. 29 $\frac{1}{2}$

These hangers are for corner door use. Where there is not sufficient room to hang the doors in the usual way the corner door arrangement is recommended. It is especially adapted for garage door use.

Set No. 29 $\frac{1}{2}$ is for single doors and is especially designed for large doors as both hangers have double four-wheel trucks.

The illustration on page 20, A and B show a common use of set No. 29 $\frac{1}{2}$.

Description

Truck: Both hangers in set No. 29 $\frac{1}{2}$ are equipped with trucks the same as used in No. 30 hanger.

Pendant: The front hanger is distinguished by a short pendant. The rear hanger has a long pendant. The pendants are swiveled at the drop-straps.

Drop-strap: The drop-strap is adjustable to doors 1 $\frac{3}{4}$ inches to 3 inches in thickness. The adjustment is self-aligned and is controlled by the drop-strap bolts. Drop-straps are japanned and baked.

Accessories: Hangers are packed one set of two hangers to a box with six bolts, 2 $\frac{1}{4}$ x $\frac{1}{4}$ to attach the drop-straps to the door.

Twelve sets of hangers are packed in a wooden case.

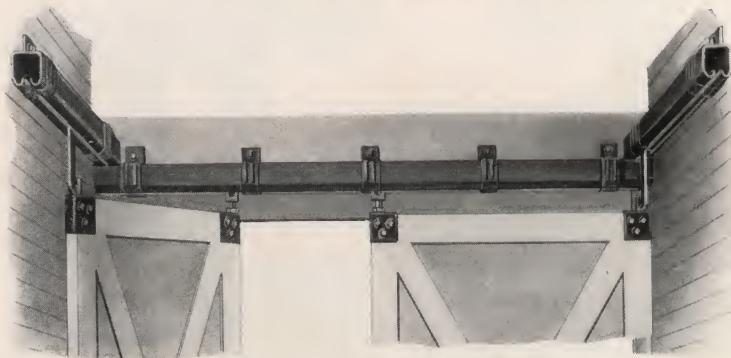
Weight per set, 7 lbs.

Set No. 29 $\frac{1}{2}$ is designed for use with regular Lawrence Square Trolley Rail No. 301. Brackets should be used not further than 2 $\frac{1}{2}$ feet apart according to the weight of the door. For double doors use Set No. 29 described on the preceding page. See page 42 for list of guides.

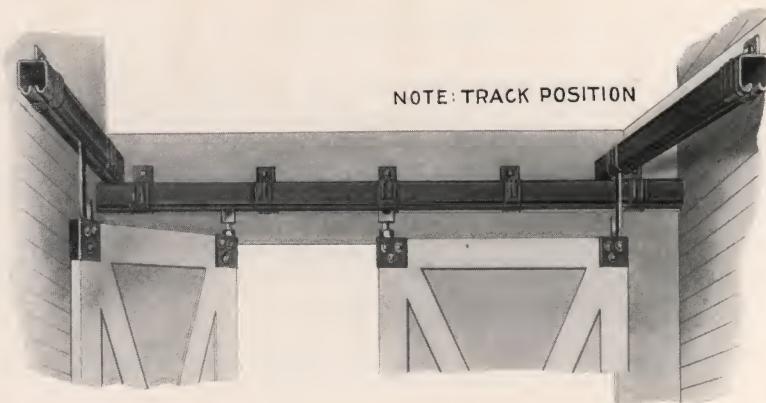
Please notice that Set No. 29 $\frac{1}{2}$ is designed for single door use.

Send for a copy of our descriptive book. "The Lawrence Garage Book".

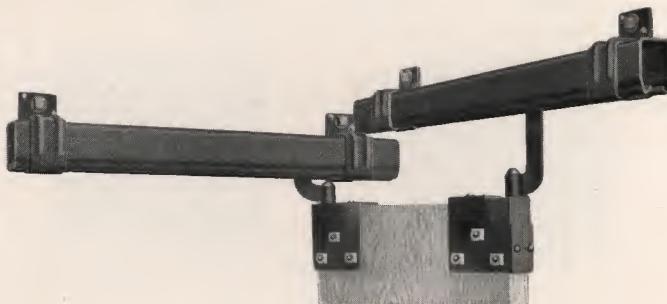
Common Uses of Lawrence Corner Door Sets



Treatment for double doors where opening is flush across the entire front of the building. Set No. 29 is used for this treatment.



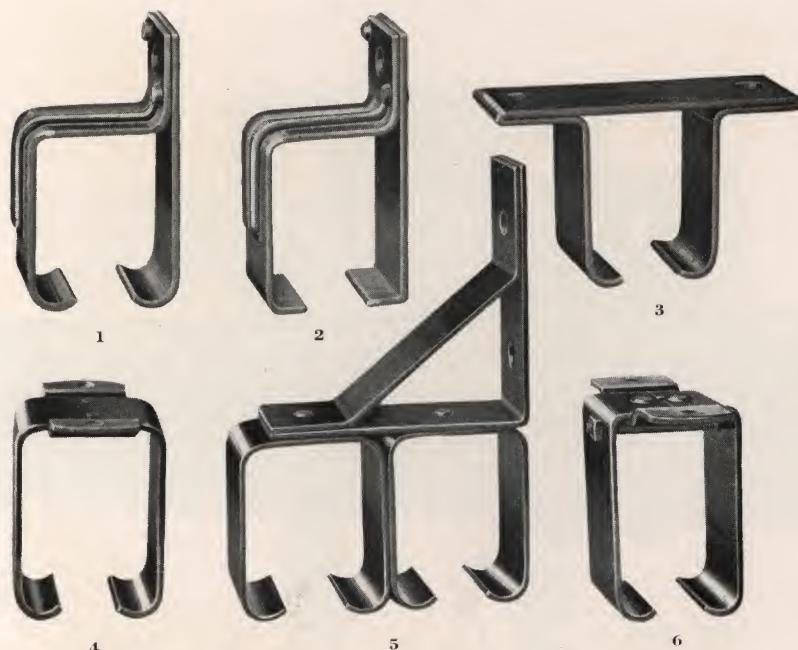
Treatment for double doors where opening is not flush with the front of the building. Specify Set No. 29.



Treatment for plain single doors. Use set No. 29½.

Send for a copy of our descriptive book "The Lawrence Garage Book."

Trolley Track Brackets For Lawrence Square Trolley Rail



No. 301

The brackets illustrated above are carried in stock and will be furnished promptly in either japanned or galvanized finish.

Order brackets by numbers shown in the illustration.

No. 1 is the regular center bracket. These should be used not farther than two and one-half feet apart on our No. 301 rail.

No. 2 is the end bracket. Two of these brackets are furnished with each pair of No. 30, No. 30½, No. 31 and No. 32 hangers. Each end bracket is supplied with a sheet metal end cap.

No. 3 is a ceiling bracket with connection holes at the sides.

No. 4 is a ceiling bracket with the connection holes running same as the track.

No. 5 is a passing door bracket.

No. 6 is an adjustable ceiling bracket.

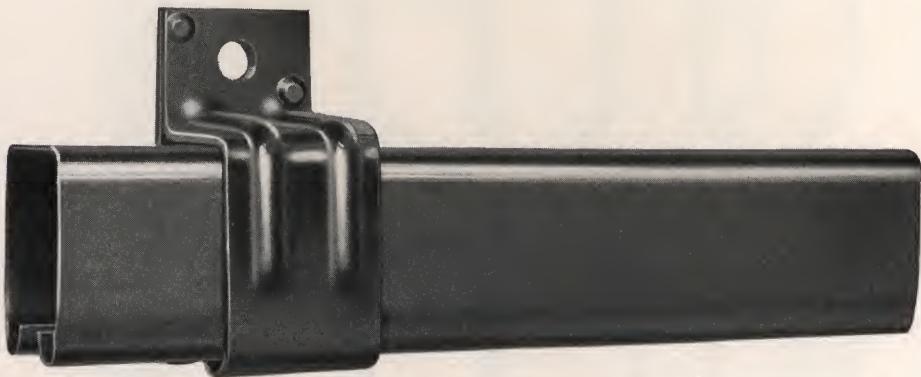
It is very important that brackets be placed on track not farther than two and one-half feet apart.

Brackets weigh one pound each.

No. 5 Bracket weighs $2\frac{1}{8}$ pounds each

Lawrence Trolley Barn Door Track

(Patented Oct. 22, 1907)



No. 301

Japanned

No. 301 $\frac{1}{2}$

Hot Galvanized

The track illustrated above fits trolley hangers No. 30, No. 30 $\frac{1}{2}$, No. 31, No. 32, No. 29 and No. 29 $\frac{1}{2}$. It is carefully made on special machinery and is straight and true.

The off-set just above the grooves prevents any part of the hanger from rubbing or scraping against the side of the rail.

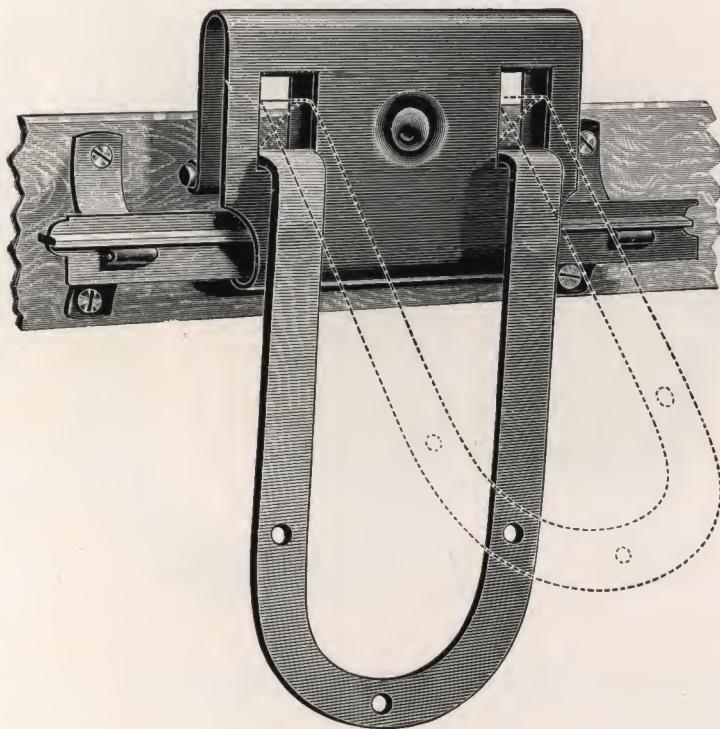
Brackets may be placed any distance apart, according to the weight of the door; but seldom less than 2 $\frac{1}{2}$ feet apart.

It is made of No. 16 gauge steel, and can be furnished in either Japan (No. 301) or Hot Galvanized (No. 301 $\frac{1}{2}$) finish. Packed eight pieces to a crate.

Made in the following lengths: 4, 6, 7, 8 and 10 foot.

Weight per 100 feet 170 lbs.

Cyclone Barn Door Hanger



No. 40

All Steel

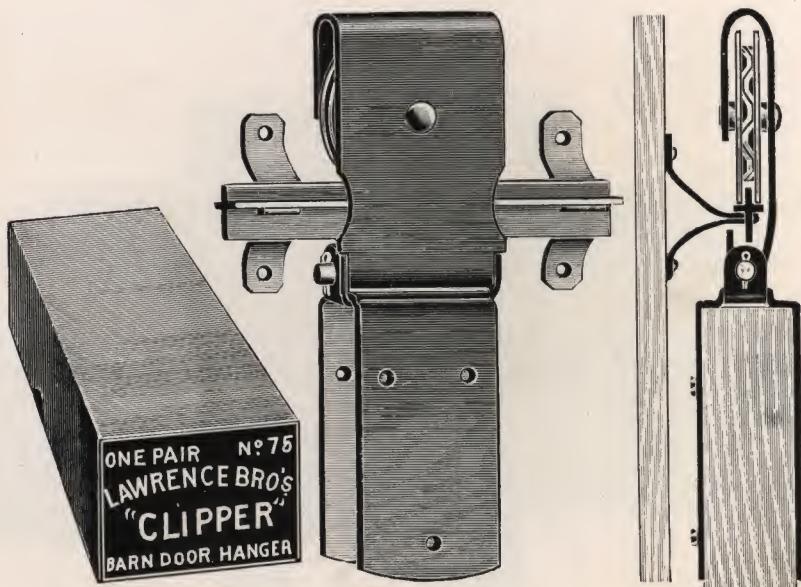
The Cyclone Swing Hangers are made entirely of steel, with a $3\frac{1}{2}$ " Lawrence patent wheel. They have long roller bearings which reduce friction to a minimum.

The straps passing through the cover and connecting on the opposite side with a strong pin, give this hanger a perfect bearing and allow the door to swing out without twisting or straining the rail.

Packed one pair in a paper box, complete with $\frac{5}{8} \times 2\frac{1}{4}$ " bolts. Twelve pair in a wooden case.

Weight per dozen pair.....100 lbs.

No. 75 Clipper



4/for

All Steel. Swing Hanger

3½-inch Lawrence Patent Sinuated Steel wheels used.

This durable swing hanger runs on roller bearings, stays on the rail and requires the least work to put up of any hanger manufactured.

The pin which connects the drop strap with the housing can be taken out, so that in hanging a door the housing can be placed on the rail first, then after the straps are bolted on, the door can be placed in position and the pin put in place.

Packed one pair in a box complete with $\frac{1}{4} \times 2\frac{1}{4}$ bolts.

Twelve pair in a case.

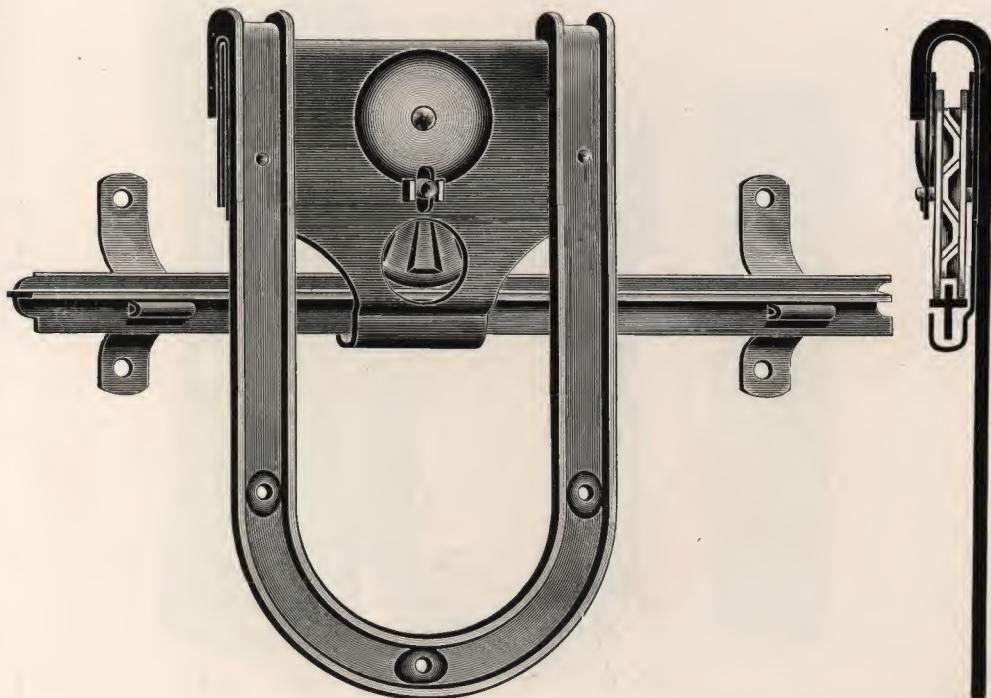
This Hanger is 11½ inches long and 3½ inches wide. The housing is made of No. 11 steel and the drop strap of No.13 steel.

Furnished with cast wheels to fit $1\frac{1}{4} \times 1\frac{3}{8}$ inch track when desired.

Weight per dozen pairs 87 lbs.

The Union "Holdfast" Hangers

(Patented April 25, 1893)



Made with the Lawrence patent steel wheel and cast iron anti friction discs with $\frac{3}{8}$ " bearings which will last a life time. The cover is so constructed that it is impossible to derail the hanger when used with the Lawrence swing hanger rail. Exclusive sale is given on this Hanger when desired. The frame is made of channel steel $\frac{3}{8}$ ", 1" and $1\frac{1}{8}$ " wide respectively, which makes a much stiffer and stronger frame than does flat bar steel.

No. 44 Hangers are $10\frac{1}{2}$ inches long and $5\frac{1}{4}$ inches wide with 3 inch wheels and are made for light doors. No. 45 are 12 inches long and 6 inches wide and have a $3\frac{1}{2}$ inch wheel and are made for medium doors. No. 46 are 13 inches long and $6\frac{1}{2}$ inches wide, have a 4 inch wheel and are made for heavy doors.

Union "S" Hangers fit our No. 202 Rail, which is made for swing hangers.

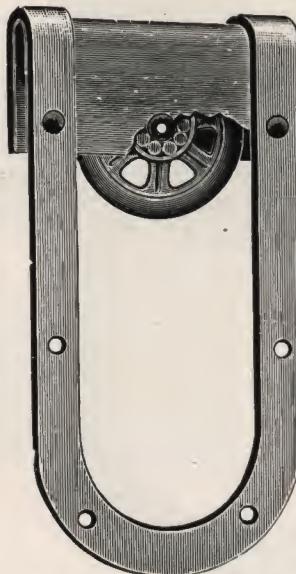
Illustration shows our Union "S" hangers running on No. 202 Rail.

No. 44 weight per dozen pairs.....	70 lbs.
------------------------------------	---------

No. 45	100 lbs.
--------------	----------

No. 46	120 lbs.
--------------	----------

Cleveland



Roller Bearing Steel Frame Cast Wheel

3½ inch and 4 inch heavy cast wheels used in this hanger which is made especially for flat track.

No better hanger made for the money.

No. 1 hangers are 10½ inches long by 5½ inches wide with drop strap made of $\frac{3}{16} \times 1$ inch steel.

No. 2 hangers are 11½ inches long by 6½ inches wide with drop strap made of $\frac{1}{4} \times 1$ inch steel.

Fit our $1 \times \frac{3}{16}$ or $1\frac{1}{4} \times \frac{3}{16}$ track as well as flat track made by other manufacturers.

No. 1, weight per dozen pairs..... 80 lbs.

No. 2 100 lbs.

Century**No. 15**

**All Steel Rigid Hanger
Plain Bearings**

This is a substantial hanger at a low price. The hanger is 11 inches long and 3½ inches wide. The corrugations on the front of the strap add materially to the strength of the hanger. A stay-on feature prevents derailing. A 3½ inch Lawrence steel sinuated wheel is used in this hanger. No. 15 fits Lawrence rail No. 202. Weight per dozen pairs, 60 lbs. This hanger is also furnished with cast wheel for use on flat rail such as New York No. 102, when desired.

Trump**No. 14**

All steel, rigid, roller bearing hanger for small doors. No. 14 is one of the most inexpensive hangers on the market for repair work. It is made to fit our No. 202 Lawrence patent rail and is equipped with 3 inch Lawrence patent sinuated wheel.

Weight per dozen pairs, 40 lbs.

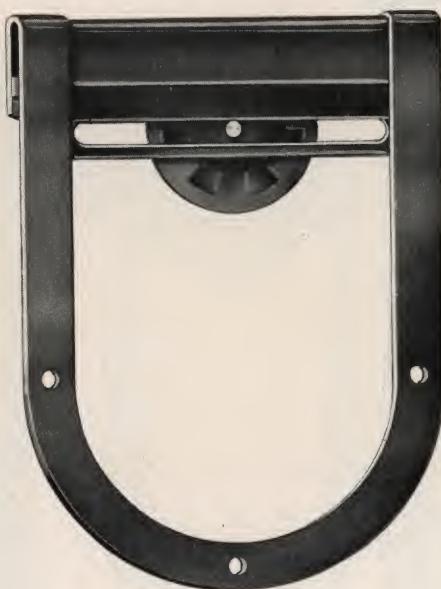
When desired it is furnished with cast wheel for rail such as New York No. 102.

Hummer**No. 18**

This hanger is the same as the Century, illustrated above, except the wheels run on roller bearings instead of plain bearings.

Sterling

(Patented Oct. 17, 1890)



Constructed Entirely of Steel

Our patent sinuated steel wheel is used in this hanger.

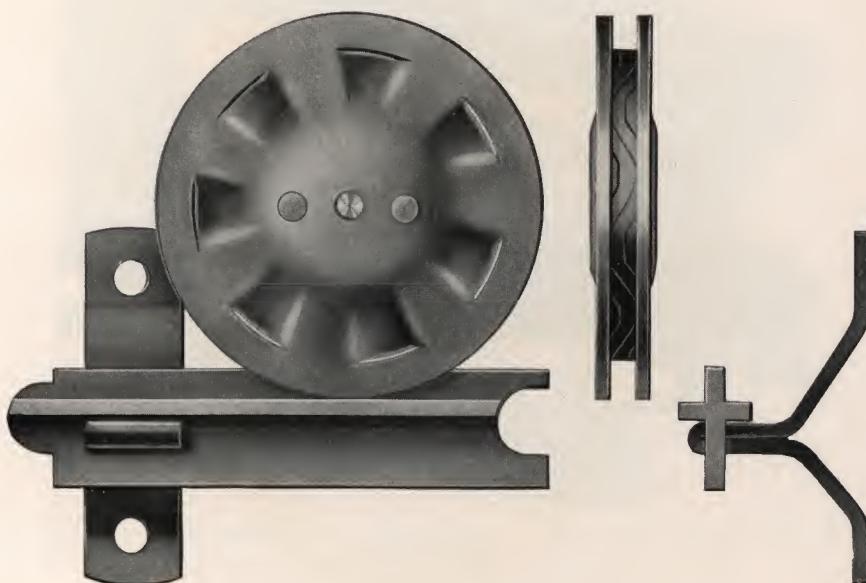
The Sterling is very finely finished, made from heavy stock, and is strictly first-class in every respect.

List Prices

No. 0. Length of Run, 4 feet, per dozen pairs	\$12.00
No. 1. Length of Run, 6 feet,	15.00
No. 1½. Length of Run, 9 feet,	18.00
No. 2. Length of Run, 10 feet, ,	22.00
No. 3. Length of Run, 13 feet,	30.00
Lawrence Steel Rail No. 202, per foot	11c
No. 0, weight per dozen pair	75 lbs.
No. 1, weight per dozen pair	100 lbs.
No. 1½, weight per dozen pair	120 lbs.
No. 2, weight per dozen pair	140 lbs.
No. 3, weight per dozen pair	150 lbs.

Lawrence Patent Swing Hanger Rail

(Patented May 6, 1902)



No. 202

This rail is made especially for our swing hangers, but is adapted to every hanger made by us with the exception of the Trolley. The bracket is locked absolutely tight to the rail without a rivet, and the weight rests squarely upon the top of the bracket. This rail will not sag vertically, or warp horizontally.

Furnished in lengths of 4, 6, 7, 8 and 10 feet.

Weight per 100 feet	82 lbs.
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Lawrence Steel Wheel

Lathe Turned

The Lawrence Steel Wheel consists of two sinuated steel discs, the sinuations projecting from each disc to the opposite, forming an inside tread that fits all bracket rails. The outer edge of wheel runs on the Lawrence steel ribbed rail, and is much better than any grooved or inside tread, as it brings the weight evenly to the outer edge of the wheel, runs easier and never binds. Without question the best wheel ever used in barn door hangers.

New York Rail



Japanned

From the cut it will be noticed that this rail is braced above as well as below making it a great deal stronger than most rails made by others.

The brackets are placed 12 inches apart and no rivets used. The bracket is welded into the rail, making it much stronger than if rivets were used.

Either swinging or rigid hangers will run on it.

No. 102..... $1\frac{1}{4} \times \frac{3}{16}$

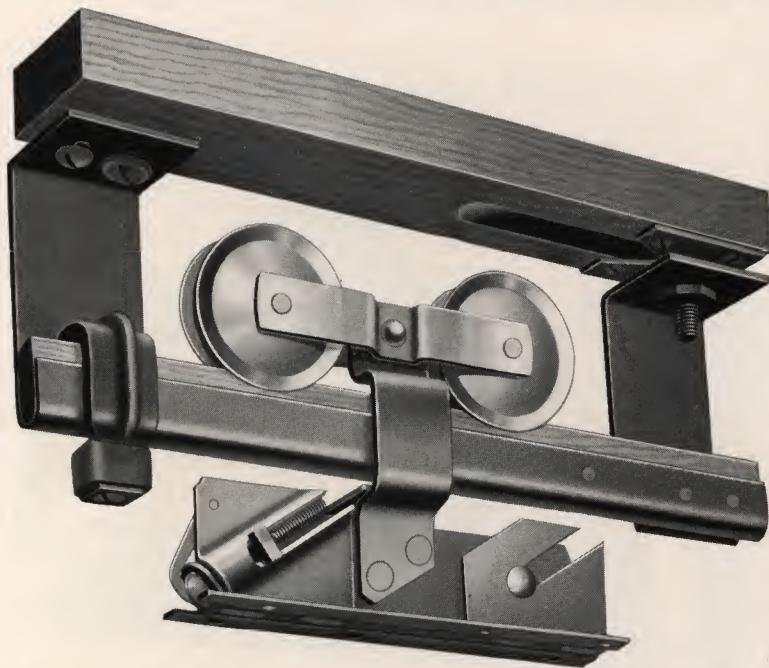
Weight per 100 ft. 96 lbs.

No. 101..... $1 \times \frac{3}{16}$

Weight per 100 ft. 79 lbs.

Made in 4, 6, 8 and 10 foot lengths.

Packed eight pieces in a bundle.

**No. 19 Electric Hanger**

**A Moderate Priced Parlor Door Hanger and Rail
Absolutely Noiseless Light Running
Fibre Tread Wheels and Wood Tread Track**

Description

Truck: This hanger has a two wheel truck. The flanges of the wheels are made of thin pressed steel. The wheels are hard vulcanized fibre. The wheels have brass bushings.

Wheels are $2\frac{1}{2}$ inches in diameter.

The adjustment: Directions for fitting doors to openings are packed with each set of hangers.

The hanger adjusting screw is guarded with a safety hook.

Accessories: Packed with each set of hangers are 24, $\frac{1}{2}$ inch x No. 12 and 4, 1 inch x No. 10 wood screws, 1 center stop, and two floor guides. Lawrence wood tread rail No. 203 is used with this hanger.

List Prices With Rail

DOUBLE DOORS		SINGLE DOORS	
Size of Opening	List	Size of Opening	List
4 ft.	\$6.00	$2\frac{1}{2}$ ft.	\$3.00
$4\frac{1}{2}$ ft.	6.00	3 ft.	3.00
5 ft.	6.00	$3\frac{1}{2}$ ft.	3.25
$5\frac{1}{2}$ ft.	6.00	4 ft.	3.50
6 ft.	6.00	$4\frac{1}{2}$ ft.	3.75
$6\frac{1}{2}$ ft.	6.25	5 ft.	4.00
7 ft.	6.50	$5\frac{1}{2}$ ft.	4.50
$7\frac{1}{2}$ ft.	6.75	6 ft.	4.75
8 ft.	7.00	$6\frac{1}{2}$ ft.	5.00
9 ft.	7.50	7 ft.	5.25
10 ft.	8.00	$7\frac{1}{2}$ ft.	5.50
		8 ft.	5.75

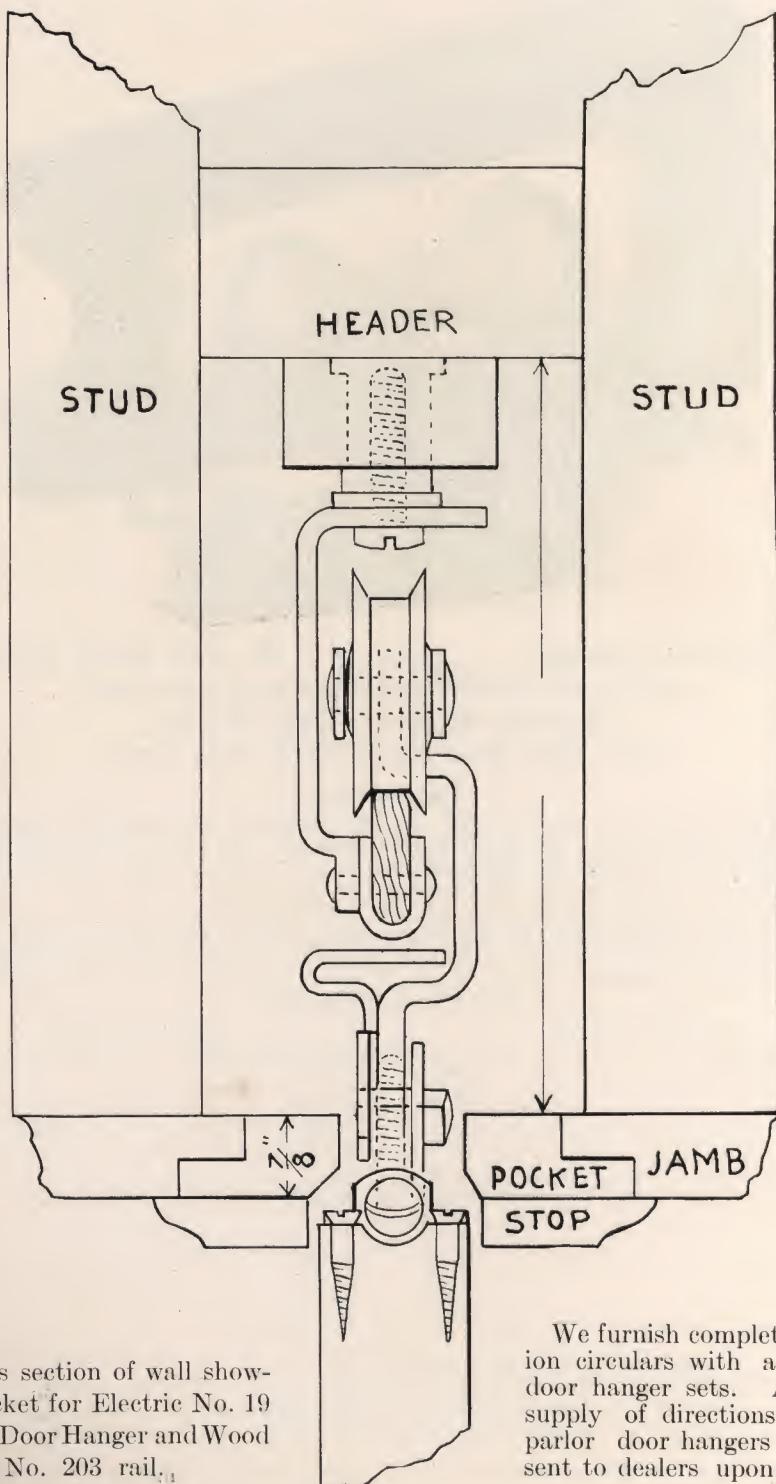
Hangers for Double Doors, without track \$3.00

Hangers for Single Doors, without track 1.50

Complete set of Double with 12 foot Rail, weight 30 lbs.

Complete set of Single with 7 foot Rail, weight 17 lbs.

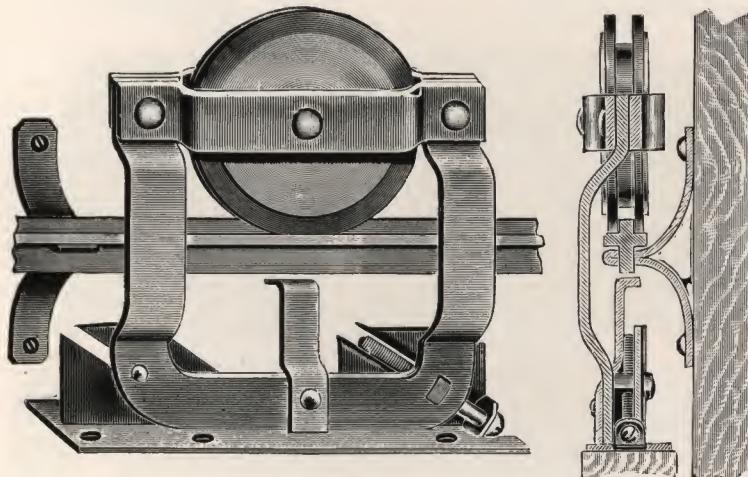
The wood track header is furnished as a part of No. 203 rail. This rail will be furnished in any length to order.



Cross section of wall showing
ing pocket for Electric No. 19
Parlor Door Hanger and Wood
Tread No. 203 rail.

We furnish complete direction circulars with all parlor door hanger sets. An extra supply of directions of any parlor door hangers will be sent to dealers upon request.

Easy Parlor Door Hanger



No. 20

End Adjustment

Inexpensive Reliable

As the name implies—easy to put up, easy to run and easy to adjust.

The frame is made of special smooth-rolled steel, and wheel of vulcanized hard fibre.

A strong, substantial and noiseless hanger at a low price.

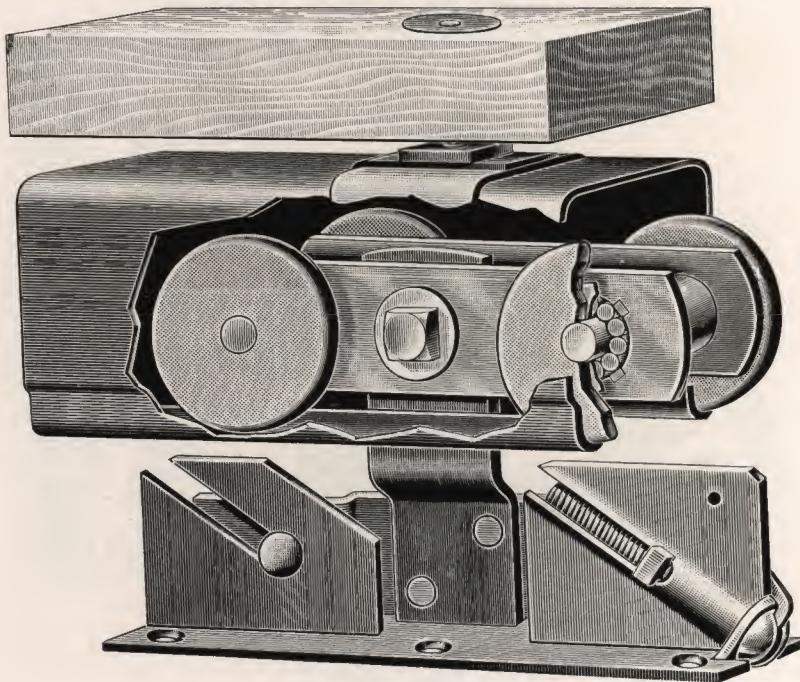
Lawrence No. 202 rail is furnished with these hangers. 14 ft. with double set, and 8 ft. with single set, unless otherwise specified.

Complete directions with every set.

For description of No. 202 rail see page 29 this catalog.

Single Set.....	5 lbs.
Double Set.....	10 lbs.

Lawrence Parlor Door Hanger



No. 21

The No. 21 Trolley Hanger has hard vulcanized fibre wheels, long roller bearings, and runs in our No. 300 Parlor Door Rail.

Runs noiseless and without friction and has lateral and horizontal adjustment in both hangers and rail.

The safety hook prevents end adjustment screw from working loose.

DOUBLE DOORS

Size of Opening	List
4 ft.	\$7.00
4½ ft.	7.00
5 ft.	7.00
5½ ft.	7.00
6 ft.	7.00
6½ ft.	7.25
7 ft.	7.50
7½ ft.	7.75
8 ft.	8.00
9 ft.	8.50
10 ft.	9.00

SINGLE DOORS

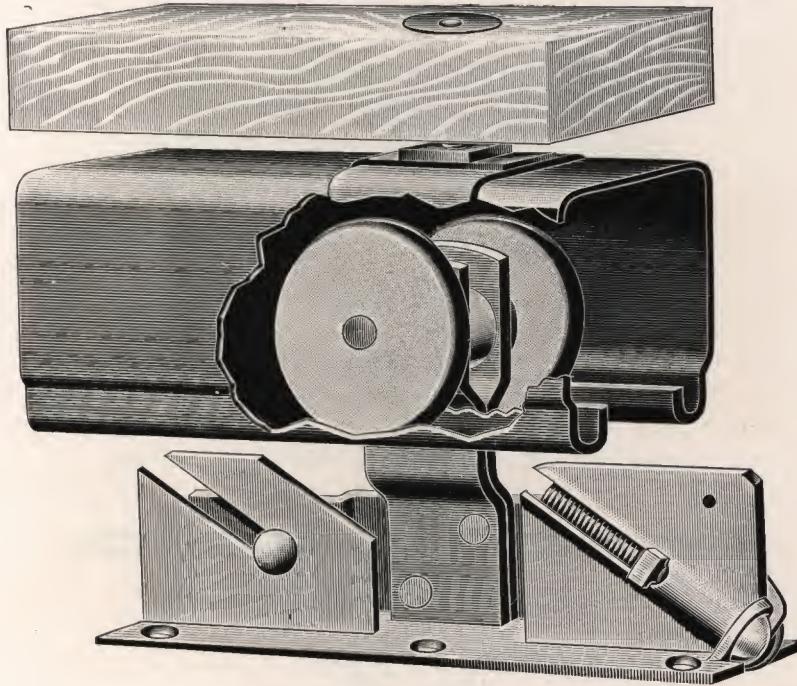
Size of Opening	List
2½ ft.	\$3.50
3 ft.	3.50
3½ ft.	3.75
4 ft.	4.00
4½ ft.	4.25
5 ft.	4.50
5½ ft.	5.00
6 ft.	5.25
6½ ft.	5.50
7 ft.	5.75
7½ ft.	6.00
8 ft.	6.25

Hangers for Double Doors, without track \$4.00
Hangers for Single Doors, without track 2.00

Complete set Double with 12 ft. Rail, weight 30 lbs.
Complete set Single with 7 ft. Rail, weight 20 lbs.

Designed for use with Lawrence Parlor Trolley Rail No. 300.

Lawrence Trolley Parlor Door Hanger



No. 11

The wheels in this hanger are made of hard vulcanized fibre. They have roller bearings and are noiseless. Parlor door rail No. 300 is used with this hanger.

DOUBLE DOORS

Size of Opening	List
4 ft.	\$6.00
4½ ft.	6.00
5 ft.	6.00
5½ ft.	6.00
6 ft.	6.00
6½ ft.	6.25
7 ft.	6.50
7½ ft.	6.75
8 ft.	7.00
9 ft.	7.50
10 ft.	8.00

SINGLE DOORS

Size of Opening	List
2½ ft.	\$3.00
3 ft.	3.00
3½ ft.	3.25
4 ft.	3.50
4½ ft.	3.75
5 ft.	4.00
5½ ft.	4.50
6 ft.	4.75
6½ ft.	5.00
7 ft.	5.25
7½ ft.	5.50
8 ft.	5.75

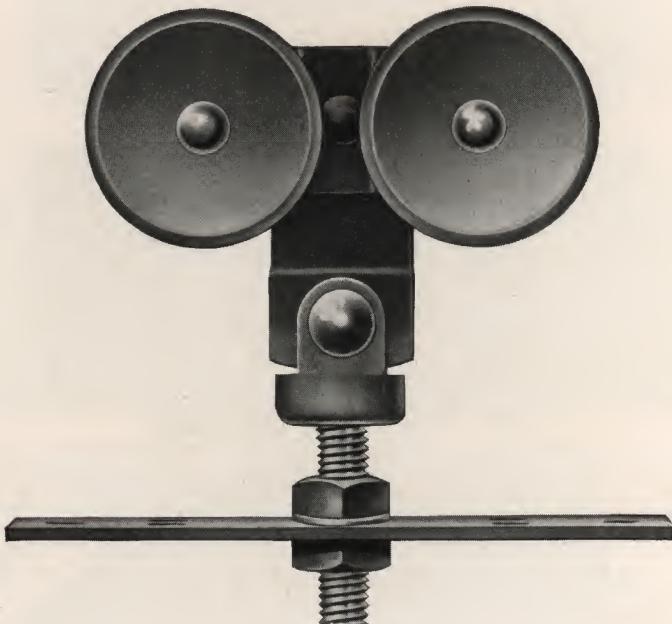
Hangers for Double Doors, without track \$3.00
Hangers for Single Doors, without track 1.50

This Hanger is the same as the No. 21 except that it is fitted with one truck instead of two. It is intended for use on doors of lighter weight, but is very strong and substantially constructed. Has only the vertical adjustment.

Complete set of Double with 12 foot Rail, weight 27 lbs.
Complete set of Single with 7 foot Rail, weight 18 lbs.

Designed for use with Lawrence Parlor Trolley Rail No. 300

Accordion Door Hangers



No. 22

Double Truck

A Hanger For Folding Doors

This hanger is designed for folding doors, sliding partitions, passing doors and accordion door work.

No. 22 hanger is designed for jobs which require a four wheel truck hanger where attachment may be made to every alternate door, beginning with the door farthest from the center. The arrangement of the hangers when attached is shown in the pen drawing shown as Figure B on page 38.

Before attaching the hangers a center line should be struck across the top of the folded doors. Attach the hangers to every other door beginning with the door nearest to the center opening.

The butts for hinging the doors should be set in line to insure perfect results. We recommend Lawrence loose pin butts illustrated in this catalog.

Description

Truck: The truck of this hanger consists of four vulcanized fibre wheels set in a roller bearing truck frame.

Pendant: The pendant has vertical adjustment. It is equipped with a ball bearing swivel.

Attachment: A flat plate on the bottom of the pendant serves to attach the hanger to the door. The plate is made with a sufficient number of screw holes to obtain a secure attachment to the door.

Hangers are packed single and without screws.

Accordion Door Hangers



No. 22 $\frac{1}{2}$

Single Truck

A Hanger For Folding Doors

This hanger is designed for folding doors, sliding partitions, passing doors and accordion door work.

No. 22 $\frac{1}{2}$ hanger is for jobs which require a hanger for each door. The arrangement of the hangers when attached is shown in the pen drawing down as Figure A on page 38.

Before attaching the hangers a center line should be struck across the top of the folded doors. Attach the hangers to each door.

The butts for hanging doors should be set in line to insure perfect results. We recommend Lawrence loose pin butts illustrated in this catalog.

Description

Truck: The truck of this hanger consists of two vulcanized fibre wheels set in a roller bearing truck frame.

Pendant: The pendant has vertical adjustment. It is equipped with a ball-bearing swivel.

Attachment: A flat plate on the bottom of the pendant serves to attach the hanger to the door. The plate is made with a sufficient number of screw holes to obtain a secure attachment to the door.

Hangers are packed single and without screws.

Accordion Hanger Track



Lawrence Trolley Rail No. 301

Bracket No. 6

Lawrence Electric Trolley Rail No. 301 and Lawrence Trolley Bracket No. 6 are used with Lawrence Accordion Door Hangers No. 22 and No. 22½.

It is important that the first three brackets over the half door be placed one or one and one half feet apart according to the weight of the doors. The remainder of the track should be supported with brackets not over two feet apart.

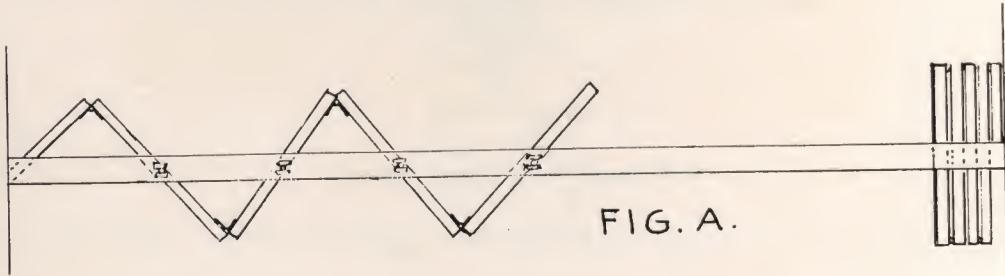


FIG. A.

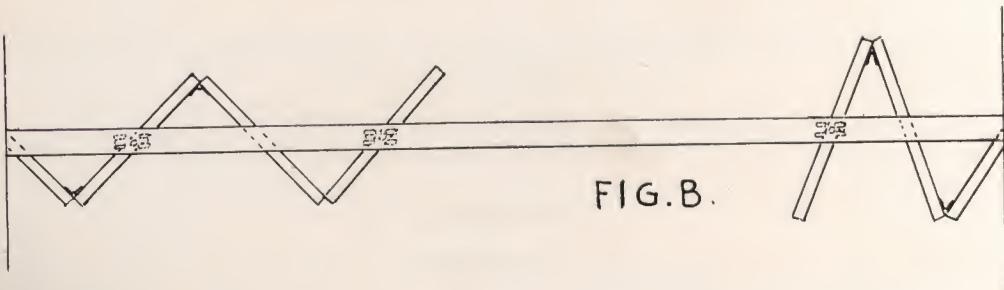


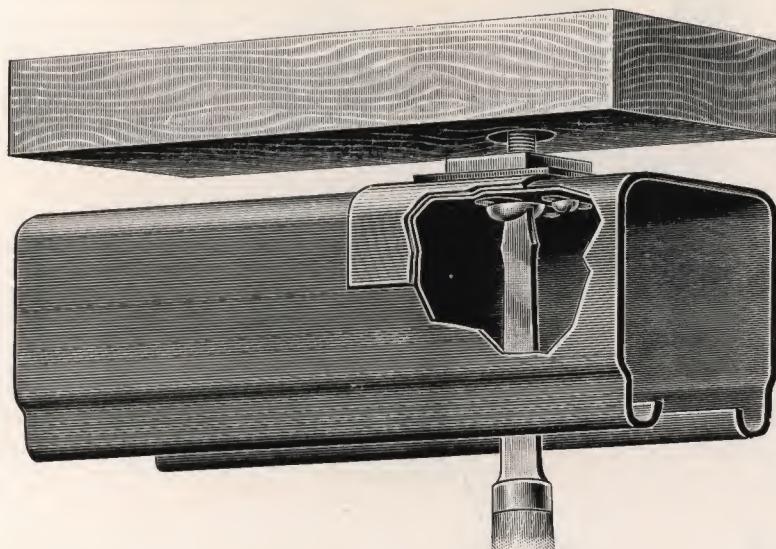
FIG. B.

Figure A in the pen drawing shown above illustrates the hanger attachment for No. 22½ single truck hanger.

Figure B also shown above illustrates the hanger attachment for No. 22 double truck hanger.

It is essential that full size doors be of the same width and that they have square edges. Three feet should be the maximum width of full sized doors.

Lawrence Square Parlor Trolley Rail



No. 300

Designed for use with Hangers No. 11 and No. 21

The off-set just above the groove makes the rail stiff and strong and prevents the hanger from scraping or rubbing against the sides of the rail.

The track has both lateral and vertical adjustment and can be taken down and replaced after walls are plastered.

The wood header is furnished as a part of the rail.

Weight to a 6 foot piece 10 lbs.

No. 107 Steel Door Catch

Japanned



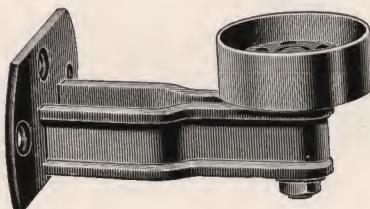
Special attention is called to the fact that this is an all steel catch. There are no cast parts. The No. 107 should not be confused with catches of similar design made of cast iron.

This catch is frost and jar proof. Packed one dozen in a box.

Weight, per dozen..... 4 lbs.

No. 110 Union Adjustable Stay Roll

Japanned



This is without doubt the strongest stay roll on the market. It is constructed of heavy channel steel riveted into a heavy steel plate.

No. 110 is adjustable to any size door. Packed securely, one dozen in a bundle.

Weight, per dozen..... 10 lbs.

No. 112 Faultless Stay Roll

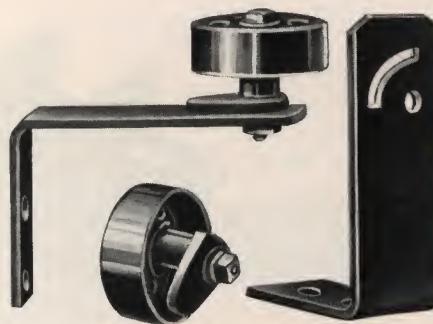


The Faultless steel floor stay roll is designed for inside doors.

This stay roll may be used for concrete floors. Pins or bolts are placed through the holes and fastened in the floor, making a secure attachment for the stay roll. Packed one dozen in a box.

Weight, per dozen..... 5 lbs.

Faultless Adjustable Stay Roll



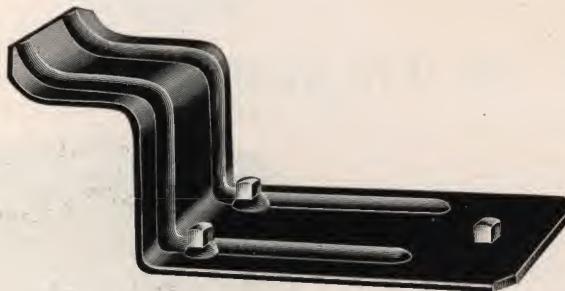
No. 111

Japanned

This stay roll has circular adjustment, which never slips. It can be applied to inside as well as outside doors. It fastens to the building very firmly with heavy screws.

Weight, per dozen.....	12 lbs.
------------------------	---------

Lawrence Door Bumper and Stay



No. 113

Japanned

This corrugated door bumper and stay is made of heavy steel No. 12 gauge $2\frac{3}{4}$ inches wide and 8 inches long.

This article serves the double function of bumper and stay. Packed one dozen in a box with thirty-six $2 \times \frac{5}{16}$ coach screws. Weight per dozen complete, 12 lbs.

No. 114 Adjustable Parallel Door Floor Guide

This device is adjustable for two or for three doors. It prevents the doors from rubbing and keeps them in line.

Designed for wood or concrete floors.

Weight, per set 1 $\frac{3}{4}$ lbs.



No. 114₁² Adjustable Corner Door Center Guide



This guide is designed for use with Lawrence Corner Door Set No. 29.

It is adjustable for any size door and will keep the doors together at the center. Suitable for wood or concrete floors.

Weight, per set 1 lb.

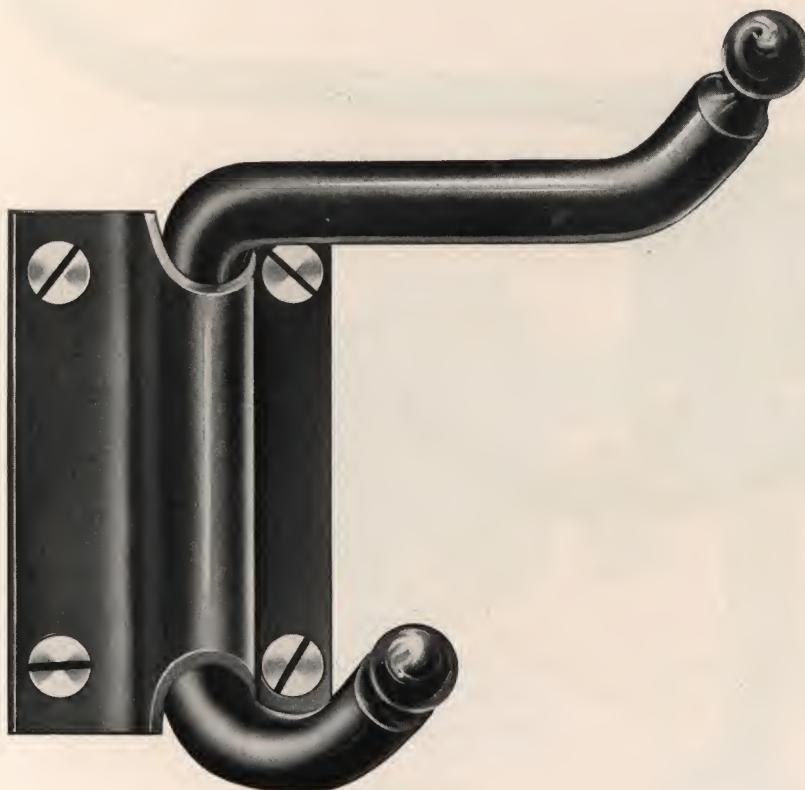
No. 115 Guide Plates

These guide plates fit over the corners of the door. They are suitable for corner door jobs and for passing doors. They may be used to advantage on any outside swing door as they offer protection for the corners of the door.

Weight, per set 1 $\frac{1}{4}$ lbs.



Wrought Steel Rigid Harness Hooks



No. 25

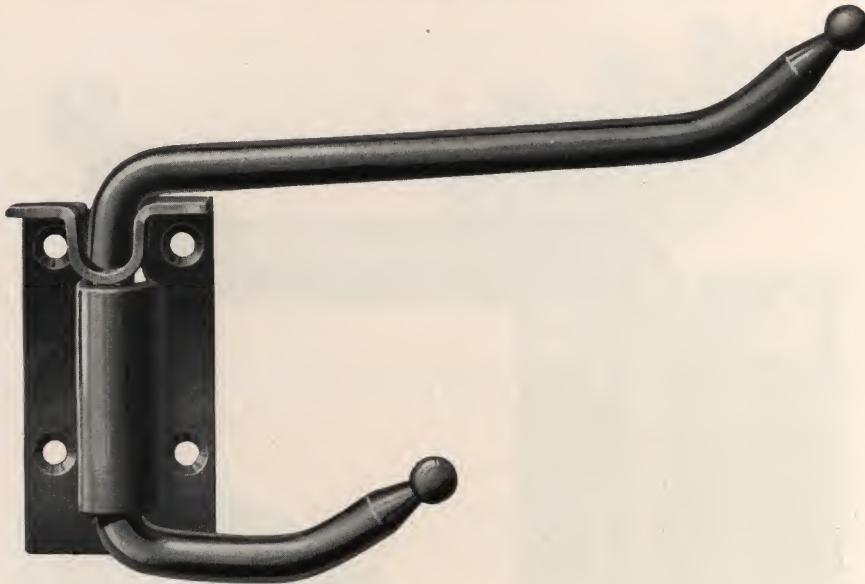
Japanned

One Dozen in a Box

List Prices

		Weight Per Dozen
7 inch. Per dozen	\$2.00	9 Lbs.
10 inch. Per dozen	3.00	14 Lbs.
12 inch. Per dozen	4.00	25 Lbs.

Wrought Steel Swing Harness Hooks



No. 26

Japanned

When in position for use it is automatically locked and perfectly rigid.
When not in use, can be swung back against the wall.

One Dozen in a Box

List Prices

	Weight Per Dozen
7 inch. Per dozen	\$2.00
10 inch. Per dozen	3.00
12 inch. Per dozen	4.00

Wrought Steel Wardrobe Hooks

No. 26₂

This hook is made in one length, 15 inches. The bottom hook is shorter and is bent closer to the plate making a deeper hook.

Furnished in Dull Brass and Nickle finishes.

List prices per Dozen

Dull Brass	\$4.80	Nickle	\$5.00
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Cottage Latch



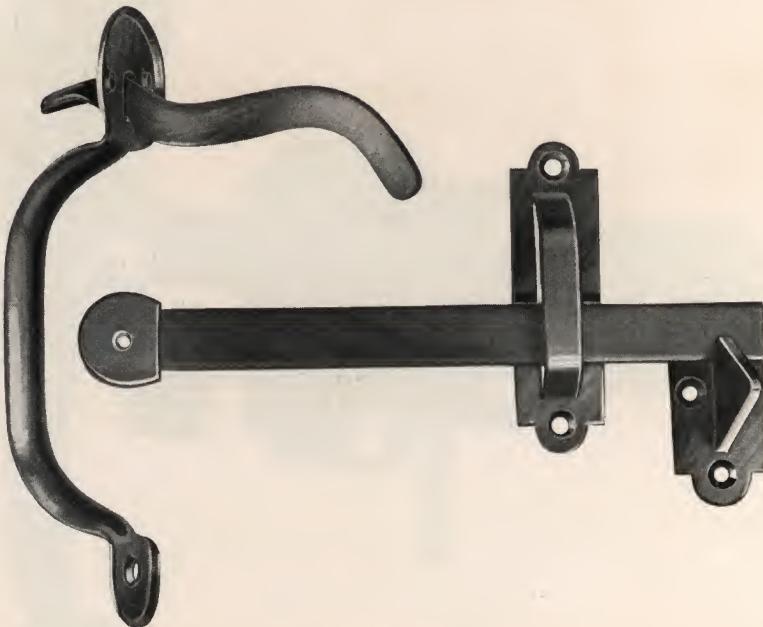
No. 104

Japanned

This latch is for light doors. Latches are furnished with safety lock catches. Packed complete with all necessary parts and screws to attach, one complete set in a box.

Weight per dozen sets. 3 lbs. 5 oz.

Lawrence Thumb Latch



Cut $\frac{2}{5}$ Size

No. 105

All Steel

A good, heavy latch that won't break, and a thumb lift that cannot work loose or get out of place. SUITABLE FOR BARN, SHOP AND WAREHOUSE DOORS.

Packed one-half dozen in a box

Weight, per dozen..... 12 $\frac{1}{2}$ lbs.

Lawrence Thumb Latch



No. 106

Cut $\frac{1}{4}$ Size

All Steel

The Strongest, Neatest and Most Serviceable Latch Ever Made

It has good, strong, roomy handles on both sides of the door, thus making it easily accessible when the door sticks or binds.

Thumb lift cannot break, get out of place or be lost.

Edges are all crimped to make smooth bearings so the door will always latch.

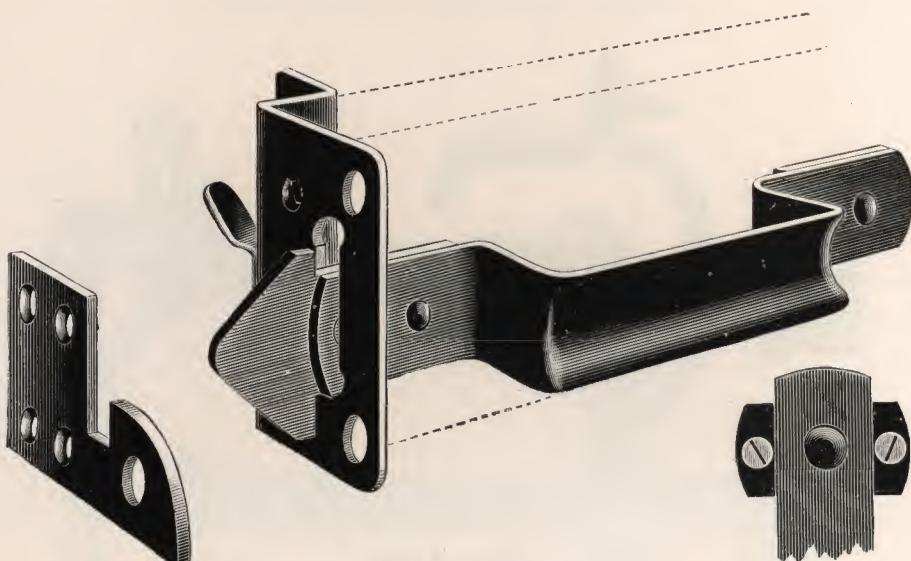
Catch is fitted with guard, which prevents harness from catching and being torn.

Packed with extra catch to hold the door open.

Packed one latch complete with screws in a paper box. In this way parts cannot be lost in the store, and the latch is ready to hand out to your customer just as it comes to you.

Weight, per dozen.....	16 lbs.
------------------------	---------

Lawrence Steel Barn and Garage Door Latch



No. 108

Cut $\frac{1}{2}$ Size

Superior for the following reasons:

- It is either right or left hand.
- It is made entirely of wrought steel.
- It is operated from either the inside or outside.
- It is applicable to either swinging or sliding doors.
- It is arranged so that a padlock can be used for locking.
- It cannot be tampered with, as all screws are concealed.
- It is easily applied, costs but little, and will not get out of order.

Packed one-half dozen in box; 12 dozen in a case.

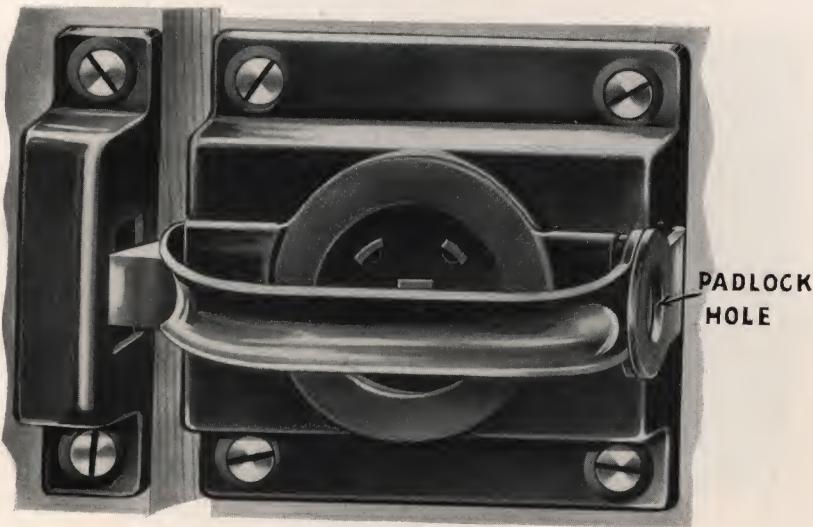
List Prices

No. 108 Japanned.	Per Doz. Sets.....	\$3.00
No. 109 Japanned.	With Extra catch. Per Doz. Sets.....	\$3.25

Weighs 17 Lbs. per dozen.

Swinging Door Latch

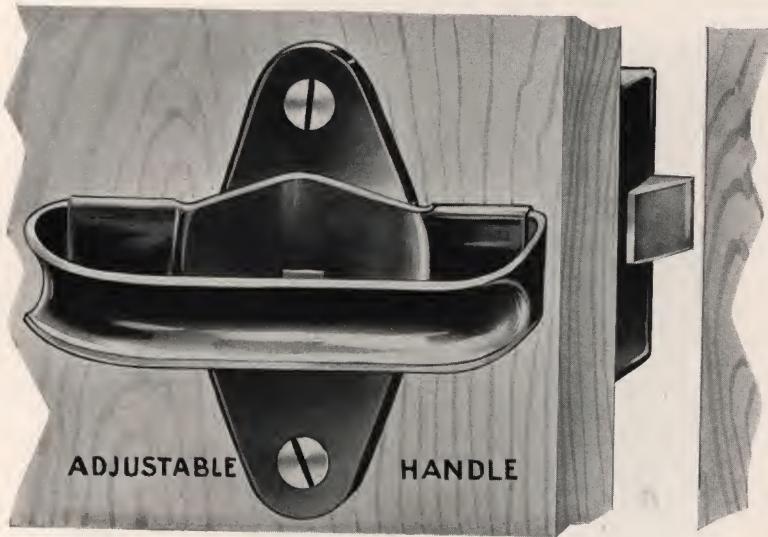
(Patent Applied For)



No. 122

The adjustment: This latch is adjustable to doors 1 inch to $2\frac{3}{4}$ inches. The inside handle fits into the case without further fitting.

The mechanism: The construction of this latch is very simple and will not get out of order. It is made entirely of steel. It is self-locking and may also be padlocked by using the padlock holes on the handle.



The design: The design is very compact and has no projections to catch clothes or harness. The strike is heavy and provides a snug fit for the nose.

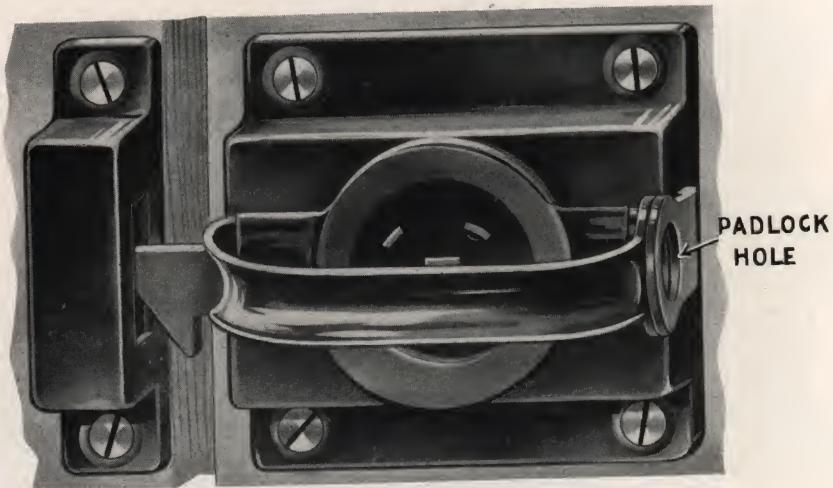
Dealers will find a ready sale for this latch.

Packed one dozen in a box with screws

Weight per dozen sets, 15 lbs.

Sliding Door Latch

(Patent Applied For)

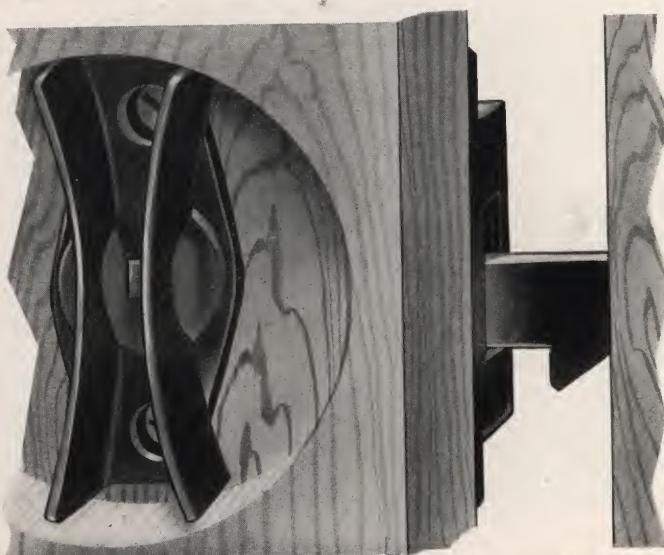


No. 123

A Successful Sliding Door Latch

The adjustment: The adjustment of this latch is the same as No. 122 swinging door latch. The inside handle is of smaller design and will not interfere with the sliding of the door.

The mechanism: As in the case of the swinging door latch No. 122, this latch has a very simple mechanism. It is certain to latch when the door is closed and will not unlock until opened by hand.



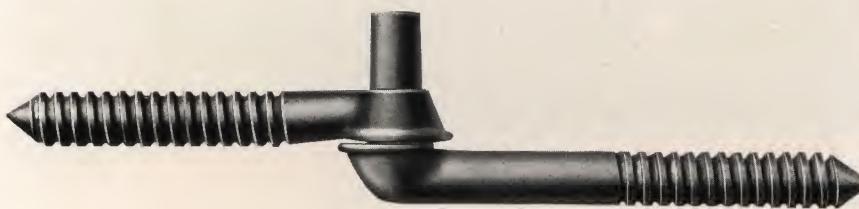
The design: The design is very compact and with the exception of the inside handle and the plain strike the same as No. 122 latch.

This latch will find a ready sale with dealers who stock it.

Packed one dozen in a box with screws.

Weight per dozen sets, 15 lbs.

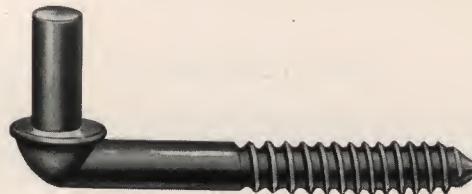
Screw Hook and Eye Hinges



Diameter Hook		Length Hook		Length Screw-Eye		Weight Doz. Pairs	List Prices Doz. Pairs
$\frac{1}{2}''$	x	4"	x	4"		12½ lbs.	\$2.50
$\frac{5}{8}''$	x	5"	x	5"		24 lbs.	3.25
$\frac{3}{4}''$	x	6"	x	6"		41 lbs.	4.50

Hooks are made with rolled threads, perfectly pointed.
The eye fits snugly over the pin so the gate or door cannot sag.
One pair consists of four pieces.

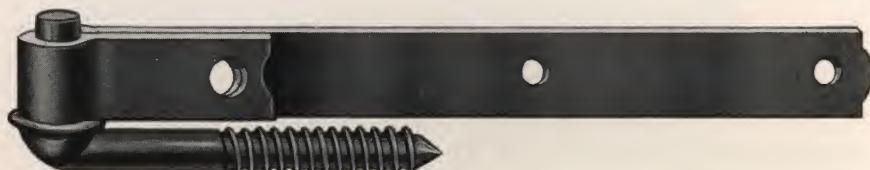
Wrought Steel Screw Hooks



Perfect Threads and Sharp Points.

Size	For Screw Hook and Strap Hinge, size	List Prices Per Dozen
$\frac{1}{2}'' \times 4''$	6" and 8"	\$.60
$\frac{5}{8}'' \times 5''$	10" and 12"	1.00
$\frac{3}{4}'' \times 6''$	14", 16", 18", and 20"	1.50
$\frac{7}{8}'' \times 7''$	22", 24", 30", and 36"	2.40

Screw Hook and Strap Hinges



Made of Smooth Steel

Cold Rolled Joints, Rolled Threads

Length of Strap Inches	Approximate Weight per dozen pair Lbs.	Length of Strap Inches	Approximate Weight per dozen pair Lbs.
6	22	22	138
8	25	24	142
10	40	30	162
12	50	36	180
14	70		
16	76		
18	95		
20	100		

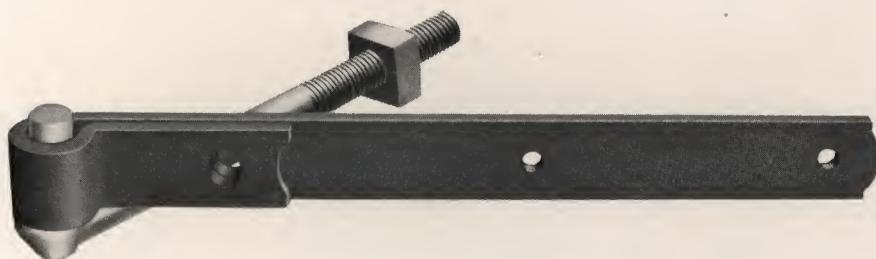
Extra Heavy Screw Hook and Strap Hinges

Made of Smooth Steel

Cold Rolled Joints, Rolled Threads

Length of Strap Inches	Approximate Weight per dozen pair Lbs.	Length of Strap Inches	Approximate Weight per dozen pair Lbs.
6	24½	22	143
8	29	24	152
10	45½	30	170
12	52	36	198
14	79		
16	86		
18	101		
20	110		

Strap and Bolt Hinges



Made of Smooth Steel

Cold Rolled Joints Rolled Threads

Length of Strap Inches	Approximate weight per dozen pairs Pounds	List Prices Per Dozen Pairs
10	52	\$3.00
12	59	3.60
14	88	4.80
16	95	5.60
18	119	6.80

Rolled Plate Hinges



All Steel Fast Joint

Japanned

Sizes: 6, 8, 10, 12, 14 and 16 inch.

Wrought Steel Light Strap Hinges



List Price Per Dozen Pairs

Size	Plain Steel	Japanned	Galvanized	Gal. Brass Pin	Approximate Number Dozen in Barrel	Weight Per doz. Pair
3-inch	.85	.95	1.30	1.45	250	3 lbs.
4-inch	1.10	1.20	1.75	2.00	175	3½ lbs.
5-inch	1.35	1.50	2.35	2.80	100	6 lbs.
6-inch	1.70	1.90	3.15	3.75	90	8 lbs.
8-inch	2.40	2.65	4.30	5.00	45	12¼ lbs.

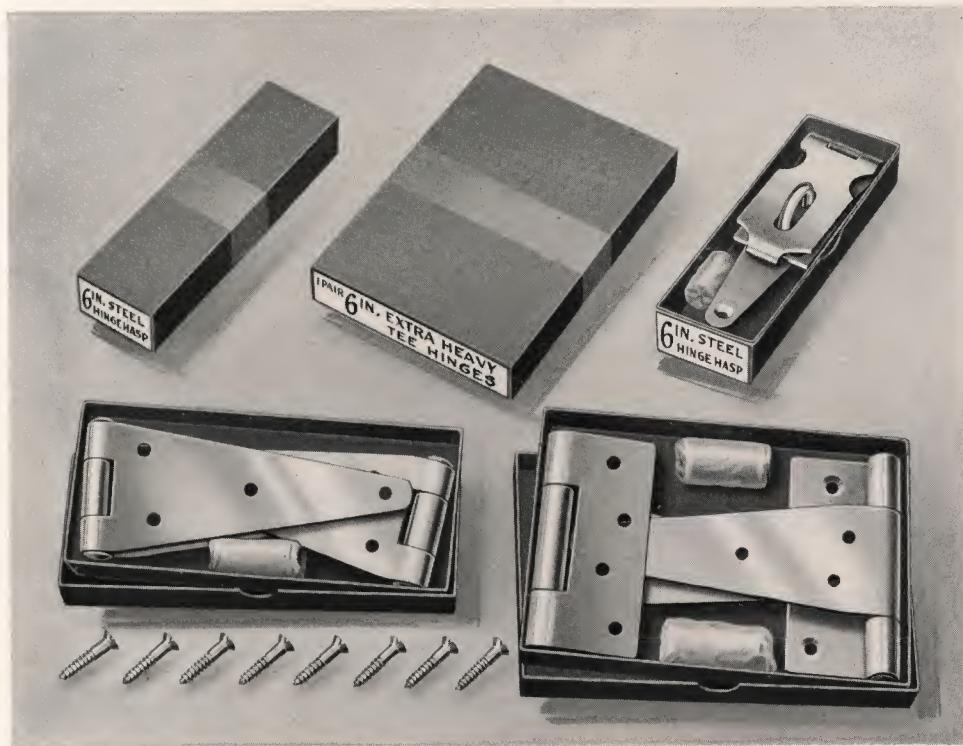
Wrought Steel Heavy Strap Hinges



List Price Per Dozen Pairs

Size	Plain Steel	Japanned	Galvanized	Gal. Brass Pin	Approximate number doz. in barrel	Weight Per doz. Pair
4-inch	1.60	1.75	2.85	3.30	125	6½ lbs.
5-inch	2.15	2.35	4.25	5.00	100	10 lbs.
6-inch	2.80	3.10	6.40	7.80	55	19 lbs.
8-inch	4.50	4.95	10.25	12.35	32	29 lbs.
10-inch	6.80	7.50	15.50	19.00	19	49½ lbs.
12-inch	10.40	11.45	23.50	27.50	12	73 lbs.
14-inch	12.20	13.40	25.70	30.40	10	82 lbs.

Strap and Tee Hinges and Hinge Hasps



One Pair in a Box with Screws

Packed the Modern Way

Dealers are finding this modern system of selling strap and tee hinges and hinge hasps the most satisfactory and profitable method. Necessary screws are enclosed in each box complete ready to hand out to the customer. Screws are of correct size, length and quantity. Boxes are telescope style and are securely fastened with gummed tape. Boxes are distinctly labeled.

Bright Steel

List Prices

Per 100 Pairs—Including Screws.

	3 in.	4 in.	5 in.	6 in.	8 in.	10 in.	12 in.
Light Strap	\$7.50	\$ 9.00	\$11.00	\$13.00	\$16.50	\$22.75	\$32.50
Heavy Strap		10.00	13.75	16.50	23.75	38.50	57.00
Light Tee	6.80	7.25	9.40	10.60	12.50	18.75	24.40
Heavy Tee		13.75	15.85	19.25	25.00	35.75	47.50
Extra Heavy Tee		15.00	19.35	23.35	35.75	50.50	71.50

Per Single 100—One in A Box—With Screws

	3 in.	4½ in.	6 in.	8 in.	10 in.	12 in.
Hinge Hasps	\$7.00	\$8.75	\$11.65	\$15.15	\$21.20	\$30.30

Japanned

Per 100 Pairs—Including Screws

	3 in.	4 in.	5 in.	6 in.	8 in.	10 in.	12 in.
Japanned Light Strap	\$8.15	\$9.65	\$12.00	\$14.25	\$18.25	\$25.00	\$36.00
Japanned Heavy Strap ...		10.50	14.50	17.50	25.50	41.00	61.00
Japanned Light T.....	7.35	7.75	9.90	11.25	13.25	20.00	26.00
Japanned Heavy Tee ...		14.50	16.75	20.00	26.25	37.50	50.00
Japanned Ex. " " ...		15.65	20.25	24.25	37.25	53.00	75.00

Per Single 100—One In A Box—With Screws

	3 in.	4½ in.	6 in.	8 in.	10 in.	12 in.
Japanned Hinge Hasps	\$6.75	\$9.50	\$12.50	\$16.15	\$22.75	\$32.50

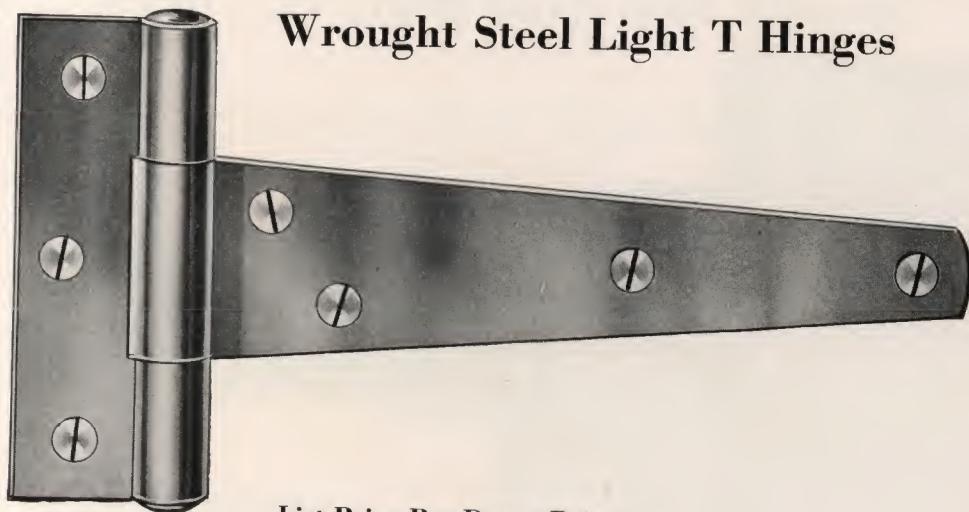
Galvanized—With Brass Pins

Per 100 Pairs—Including Screws

	3 in.	4 in.	5 in.	6 in.	8 in.	10 in.	12 in.
Galv. Light Strap	\$11.25	\$13.75	\$17.55	\$22.55	\$30.75	\$43.60	\$65.15
Galv. Heavy Strap ...		16.75	25.00	37.60	62.65	100.20	135.30
Galv. Light Tee	11.25	12.50	15.65	20.00	25.00	32.60	47.60
Galv. Heavy Tee		21.30	27.60	32.60	43.20	62.65	89.00
Galv. Extra Heavy Tee.	23.00	35.05	52.60	82.70	107.70	157.75	

Per Single 100—One In A Box—With Screws

	3 in.	4½ in.	6 in.	8 in.	10 in.	12 in.
Galv. Hinge Hasps	\$10.00	\$15.15	\$17.30	\$25.15	\$33.55	\$49.40



List Price Per Dozen Pairs

Size	Plain Steel	Japanned	Galvanized	Gal. Brass Pin	Approximate number doz. in barrel	Weight Per doz. Pair
3-inch	.75	.85	1.20	1.50	200	3 lbs.
4-inch	.80	.90	1.35	1.70	150	3½ lbs.
5-inch	1.00	1.10	1.70	2.10	100	5½ lbs.
6-inch	1.20	1.30	2.10	2.50	80	6½ lbs.
8-inch	1.50	1.65	2.55	3.25	50	11½ lbs.
10-inch	2.22	2.40	3.70	4.60	30	16 lbs.

Wrought Steel Heavy T Hinges

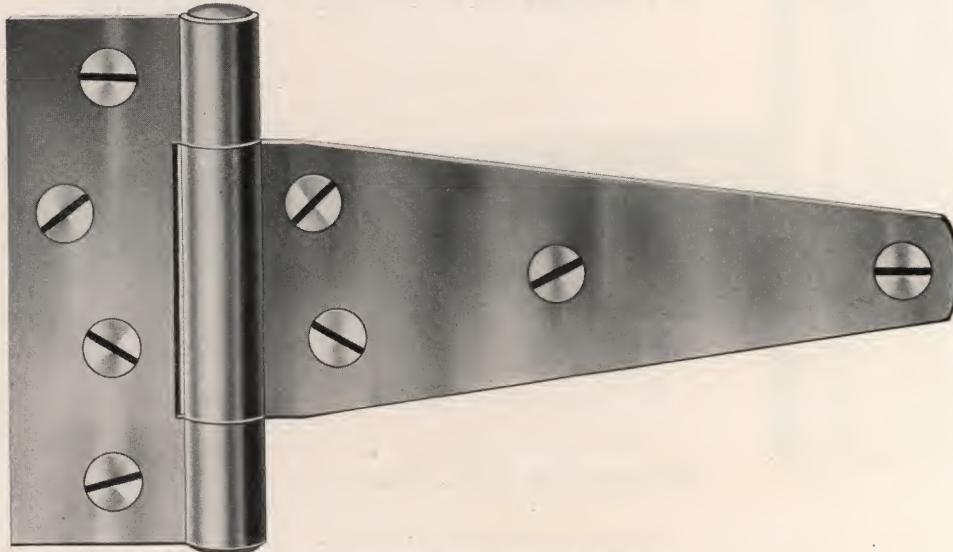


List Price Per Dozen Pairs

Size	Plain Steel	Japanned	Galvanized	Gal. Brass Pin	Approximate number doz. in barrel	Weight Per doz. Pair
4-inch	.90	1.00	1.50	1.85	100	5 lbs.
5-inch	1.05	1.15	1.95	2.50	85	7 lbs.
6-inch	1.25	1.35	2.30	2.90	65	8½ lbs.
8-inch	1.55	1.70	2.80	3.50	45	12½ lbs.
10-inch	2.30	2.55	4.20	5.15	30	19 lbs.

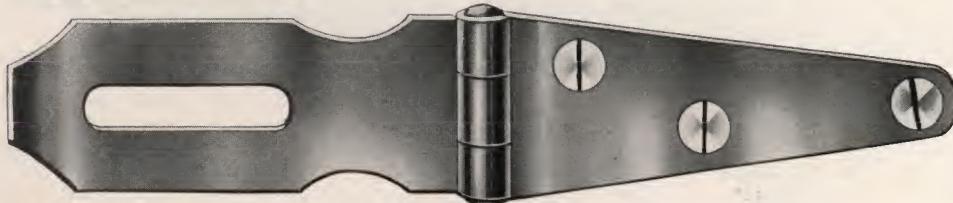
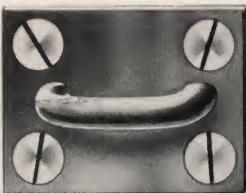
(Exercise care not to specify Heavy Tee when Extra Heavy Tee are wanted.)

Wrought Steel Extra Heavy Tee Hinges



List Price Per Dozen Pairs

Size	Plain Steel	Japanned	Galvanized	Gal. Brass Pin	Approximate number doz. in barrel	Weight Per doz. Pair
4-inch	1.80	2.00	3.20	3.90	80	9 lbs.
5-inch	2.45	2.70	4.65	6.00	55	14 lbs.
6-inch	3.00	3.30	6.00	8.50	35	21 lbs.
8-inch	5.00	5.50	10.00	13.50	20	33 lbs.
10-inch	7.40	8.15	14.25	19.00	12	46 lbs.
12-inch	10.70	11.75	21.20	28.00	8	73½ lbs.
14-inch	11.80	13.00	23.00	30.00	6	79 lbs.



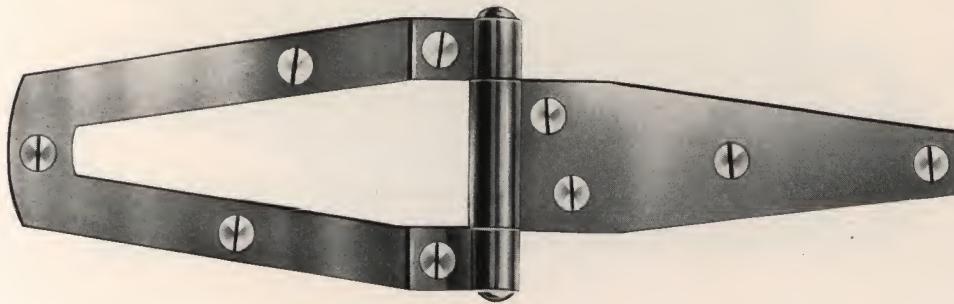
Common Hinge Hasps

List Price Per Single Dozen

Size	Plain Steel	Japanned	Galvanized	Gal. Brass Pin	Approximate number doz. in barrel	Weight Per doz.
3 -inch	.50	.55	.75	.85	300	2 lbs.
4 -inch	.55	.60	.85	1.00	225	2¼ lbs.
4½ -inch	.60	.65	1.00	1.15	175	2½ lbs.
6 -inch	.80	.90	1.35	1.55	100	4½ lbs.
8 -inch	1.05	1.15	1.80	2.10	60	7 lbs.

Lawrence Steel Strap Hinge

(Patented Sept. 22, 1896)



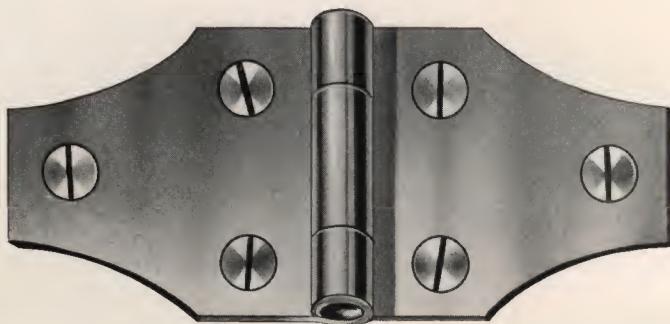
Extra Heavy Pattern

The Lawrence Steel Patent Strap Hinge has points of superiority not found in common hinges. Special attention is called to the following: The Hinge not being cut away at the pintle, but retaining full width of the stock, gives the hinge from two to three times the strength of a common strap hinge. Its width, when placed on a building, gives the screws twice the leverage of other Hinges, making it possible for the same size screw to sustain a much greater weight without breaking or pulling out. It is made from the best quality of Hinge steel.

Furnished one pair in a box with screws or in bulk.

Size	Weight per gross pairs
3-inch	31 lbs.
4-inch	96 lbs.
5-inch	150 lbs.
6-inch	234 lbs.
8-inch	354 lbs.
10-inch	468 lbs.

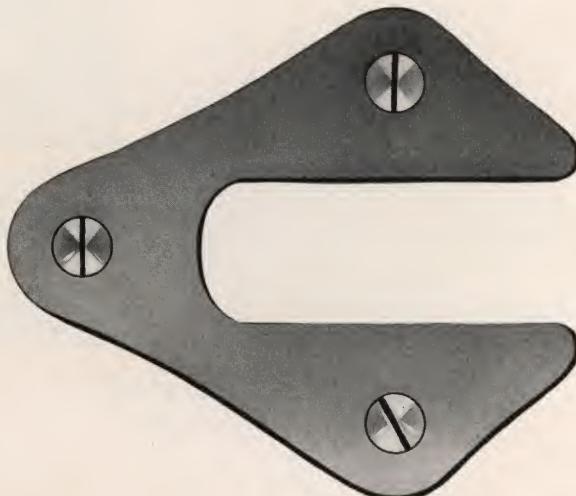
End Gate Hinge



Made in Two Sizes

	Weight per Dozen Pair
Price per dozen pairs, $1\frac{3}{4} \times 4$	\$ 5 lbs.
Price per dozen pairs, $2\frac{1}{4} \times 5$	\$ 8 lbs.

Wagon End Gate Plates



Net price On application

Wrought Extra Heavy Hinge Hasps



**No. 118
With Plate Staples**

A good, heavy practical Hasp, for use in all places that an ordinary Hinge Hasp is not suitable for.

Made of steel $\frac{3}{8}$ " thick, $1\frac{3}{4}$ " wide, and the extreme length is $7\frac{1}{2}$ ".

Holes are for No. 11 screws

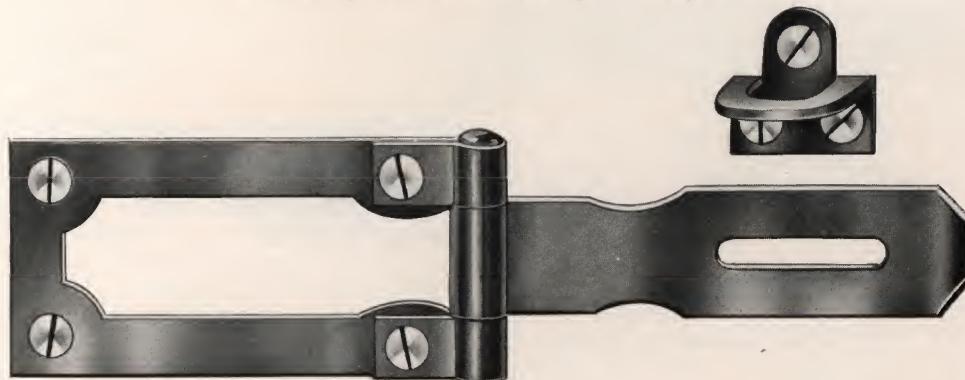
List Price Per Single Dozen

No. 118 Bright Steel	\$6.75
No. 118-Bz Bronze Plated.....	8.75
No. 118-J Japanned.....	7.75
No. 118-G Galvanized with brass pins.....	10.00

The Bright Steel Hasps are packed in bulk without Screws.

Other numbers one dozen in a box with screws.

Weight packed with screws per dozen, 13 lbs.



Lawrence Patent Hinge Hasp

(Patented Sept. 22, 1896)

One of the strongest hasps on the market with less weight and bulk.

Made in two sizes: 3 inch and 4 inch.

Gravity Hasp



No. 100

This hasp is popular because it is simple to operate and because it securely fastens the door. A padlock may be attached if desired. The hasp is operated with one hand and will not open accidentally. It may be used on right or left hand doors. Packed one dozen in a paper box complete with $2\frac{1}{2}$ " staple and one staple plate with each hasp.

Weight per dozen $4\frac{1}{2}$ lbs.

Plate Staples

Size of plates	$1\frac{3}{4} \times 1\frac{1}{4}$	$2\frac{1}{8} \times 1\frac{3}{8}$
Projection of staple	$\frac{7}{8}$ -inch	1-inch
For Hasps	3 and $4\frac{1}{2}$ -inch	6 and 8-inch
Per single dozen	\$0.20	.23

See cut in connection with hinge hasp.

Weight 5 Lbs. per dozen.



No. 119

Superior Safety

Hasp

With Plate Staples

The staple hole is made extra large to allow for shrinking of door without resetting of Staple.

Can be used as a regular Hinge Hasp by simply reversing.

The horizontal hole keeps the full strength of the steel, whereas a perpendicular hole leaves very little strength at the top and bottom.

Made of best quality Cold Rolled Steel.

Packed one dozen in a box, with screws and plate staples.

Made in three sizes, 3-inch, 4½-inch and 6-inch.

Furnished in Plain Bright Steel, Japanned, Galvanized, or any of the plated finishes.

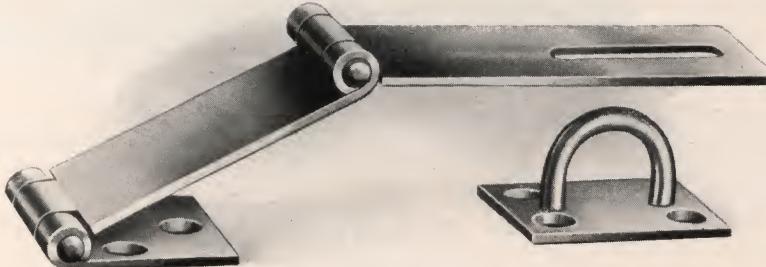
3 inch, weight per dozen	3 Lbs. with No. 8 screws
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4½ inch, weight per dozen	4 Lbs. with No. 8 screws
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6 inch, weight per dozen	8 Lbs. with No. 9 screws
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No. 117
Safety
Chest
Hasps

**With Plate
Staples**



Made of Best Cold Rolled Butt Steel

The arrangement of this hasp provides a secure covering for all screws and thus obtains an absolutely burglar proof combination.

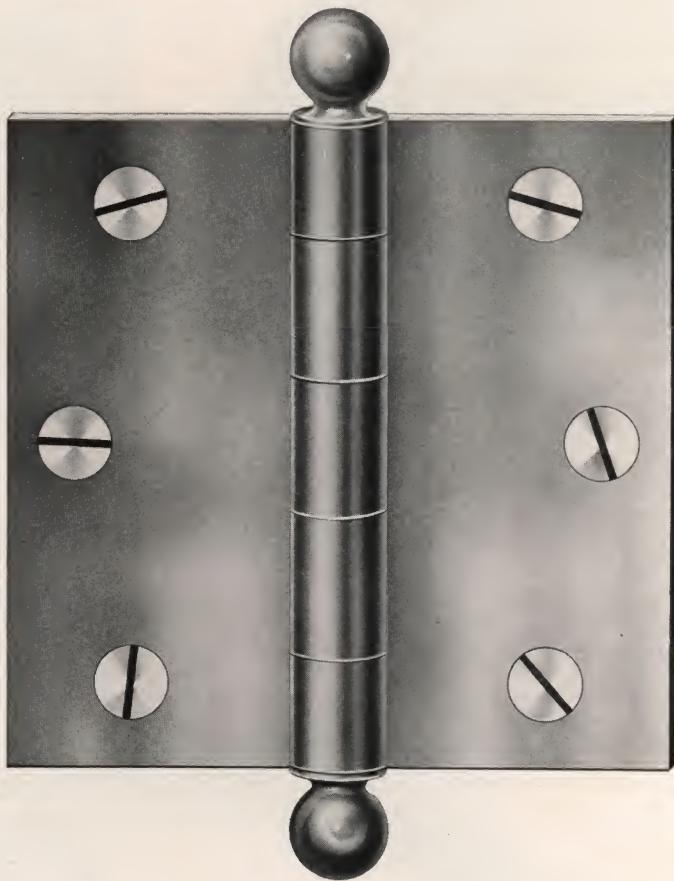
The center joint accommodates the need of a hasp for chest covers and other uses where an angle must be considered.

Packed one dozen in a box with screws.

Furnished in any finish desired.

3 inch, weight per doz., 4 lbs., List price \$1.10 per doz. with No. 8 screws, complete

Wrought Steel Loose Pin Butt



No. 2410

Ball Tip

Butts are made of best quality cold rolled steel. They are standard weight

Wrought Steel Loose Pin Butt**No. 2410****Ball Tips**

Butts are made in standard sizes as follows:

Size Open Inches	Pairs in a case	Average Weight of full case
2 x2	102	40
2½x2½	102	66
3 x3	100	99
3½x3½	100	145
4 x4	100	136
4½x4½	100	240
5 x5	50	160

Butts are electro-plated and carried in stock in finishes as follows:

No. 2410—OC —Old Copper
 No. 2410—DB —Dull Brass
 No. 2410—N. —Nickel
 No. 2410—OCS —Old Copper Sand Blast
 No. 2410—Bz. —Bronze
 No. 2410—OB —Oxidized Brass
 No. 2410—DE —Dead Black Electro Plate
 No. 2410—OBS —Oxidized Brass Sand Blast
 No. 2410—DBS —Dull Brass Sand Blast
 No. 2410—DBSS—Dull Brass Slightly Oxidized, Sand Finish.

We are prepared to furnish butts in special finishes to match samples. In ordering special finishes specify No. 2410 and size desired and send sample finish.

No. 2410₂

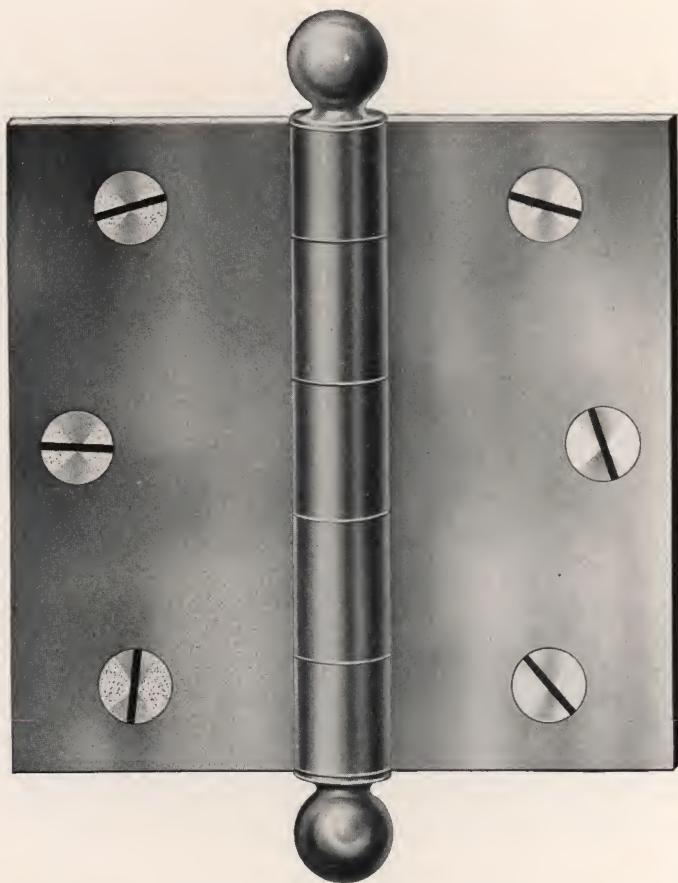
If polished butts are wanted specify No. 2410½ and finish.

Butts 2½"x2½" and larger have five knuckles in the joint. The smaller sizes have three knuckles.

Butts 2"x2" and 2½"x2½" are packed six pairs in a box complete with screws. Larger sizes are packed one pair in a box complete with screws.

Screws are furnished plated to match the finish of the butts.

Wrought Steel Loose Pin Butt



No. 8230 Bright Steel

No. 7310 Japanned

No. 7330 Japanned Dead Black

With Ball Tips

Wrought Steel Loose Pin Butt

No. 8230 Bright Steel

No. 7310 Japanned

No. 7330 Japanned Dead Black

With Ball Tips

For cut see opposite page.

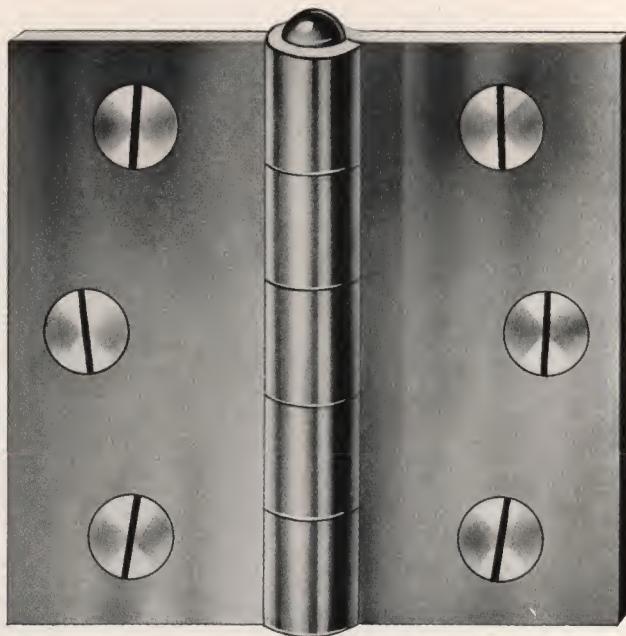
Size Inches Open	No. 8230 Bright Steel Per Dozen Pairs	No. 7310 Japanned Per Dozen Pairs	Screw Holes in Each Butt	Size of Screw Number	Dozen Pair in a Case	Average Weight of Full Case Pounds
2 x2	\$1.30	\$1.70	4	7	25	100
2½x2½	1.60	2.00	6	8	25	150
3 x2½	1.80	2.10	6	9	25	192
3 x3	1.85	2.15	6	9	20	180
3½x3	2.15	2.25	6	10	20	234
3½x3½	2.25	2.40	6	10	15	200
4 x4	2.75	2.90	8	10	12	212
4½x4½	3.35	4.00	8	11	10	230
5 x5	4.50	5.50	8	11	6	218

Size Inches Open	No. 7310 Japanned with Screws per Pair	No. 7330 Japanned Dead Black per Pair with Screws	Pairs in A Case	Average Weight of a Full Case
2 x2	\$0.19	\$0.22	102	40
2½x2½	.22	.25	102	62
3 x3	.23	.26	100	90
3½x3½	.25	.27	100	128
4 x4	.31	.34	100	172
4½x4½	.42	.47	100	235
5 x5	.60	.64	50	160

Nos. 8230 and 7310 without screws, one-half dozen pairs in a box.

No. 7310 with screws, and No. 7330, 2x2 and 2½x2½, six pairs in a box with screws, larger sizes, one pair.

Wrought Steel Broad Butt



No. 8080

Bright Steel Fast Joint

Size Open	Price per Dozen Pairs	Size of Screw	Dozen Pair in A Case	Average Weight of a Case
2 x2	\$1.20	7	50	162
2½x2½	1.60	8	50	255
2½x2	1.40	8	50	215
2 x2½	1.25	7	50	204
3 x2½	2.05	9	25	168
3 x3	2.46	9	25	194
3 x3½	2.70	9	25	219
3½x3	3.20	10	25	258
3½x3½	3.50	10	20	235
4 x4	4.30	10	15	236
4½x4½	5.60	11	10	230
5 x5	6.90	11	8	251

Prices continued on opposite page.

Packed one-half dozen pair in a box.

When two dimensions are given, the first always indicates the length of the joint.

The 2x2 have three knuckles in the joint, the other sizes, five.

Wrought Steel Broad Butt

No. 8080

Continued from opposite page.

Prices are per dozen pair, and include plated screws to match.

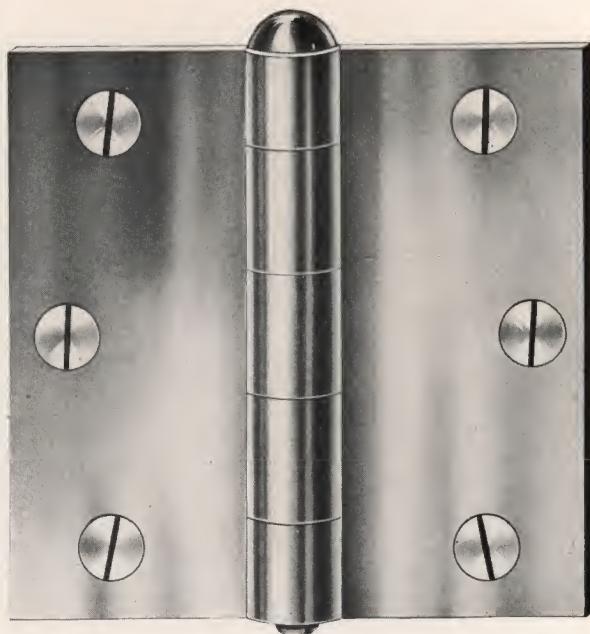
Size Open	No. 8080-OC Planished Old Copper	No. 8080-OCS Old Copper Sand Finish	No. 8080-Bz Planished Bronze	No. 8080-DB Planished Dull Brass
2 x2	\$2.05	\$2.40	\$1.70	\$2.05
2½x2½	2.65	3.00	2.30	2.65
3 x2½	2.85	3.20	2.50	2.85
3 x3	3.40	4.10	2.70	3.40
3½x3½	4.05	4.75	3.35	4.05
4 x4	4.80	5.50	4.10	4.80
4½x4½	5.80	6.50	5.10	5.80
5 x5	7.30	8.00	6.60	7.30

Size Open	No. 8080-OB Planished Oxid. Brass	No. 8080-OBS Oxid. Brass Sand Finish	No. 8080-N Planished Nickel	No. 8080-DE Dead Black Electro Plate
2 x2	\$2.05	\$2.40	\$3.00	\$2.60
2½x2½	2.65	3.00	3.70	3.20
3 x2½	2.85	3.20	4.40	3.40
3 x3	3.40	4.10	4.70	4.10
3½x3½	4.05	4.75	5.30	4.75
4 x4	4.80	5.50	6.00	5.50
4½x4½	5.80	6.50	7.00	6.50
5 x5	7.30	8.00	8.50	8.00

Size Open	No. 8080-D Dipped Dead Black	No. 8080-J Japanned	No. 8080-G Galvanized with Brass Pins
2 x2	\$1.40	\$0.95	\$2.00
2½x2½	1.90	1.20	2.80
3 x2½	2.10	1.50	3.40
3 x3	2.40	1.75	3.60
3½x3½	3.10	2.50	5.20
4 x4	3.85	3.10	6.80
4½x4½	4.75	4.00	8.50
5 x5	6.00	4.90	12.00

Packed one-half dozen pair in a box.

Wrought Steel Reversible Butt



No. 8040

Bright Steel

Size Open	No. 8040 Price per Dozen Pairs	No. 8040-G Galvanized with Brass Pins per Doz.	Size of Screw	Dozen Pair in a Case	Average Weight of Case
2 x2	\$1.40	\$3.25	7	50	162
2 x2½	1.50	3.45	7	50	204
2½x2½	1.80	4.05	8	50	255
2½x2	2.00	4.30	8	50	220
3 x2½	2.40	4.60	9	25	167
3 x3	2.60	4.80	9	25	196
3 x3½	3.00	5.50	9	25	221
3½x3	3.60	6.30	10	20	207
3½x3½	3.80	6.90	10	20	238
4 x4	4.70	9.40	10	12	192
4½x4½	5.90	11.90	11	10	218
5 x5	7.70	14.35	11	8	255

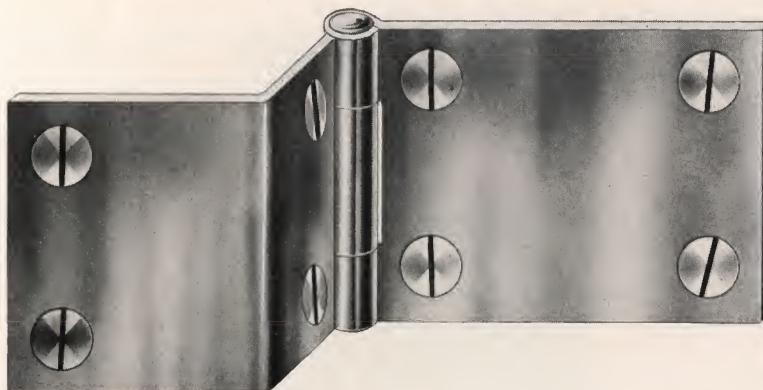
Can be furnished in any of the plated finishes if desired.

Packed one-half dozen pair in a box.

When two dimensions are given, the first always indicates the length of the joint.

The 2x2 have three knuckles in the joint, all other sizes have five.

Wrought Steel Chest Hinges



No. 865

Size, Length of Joint Inches	Width of Off-set from Joint to Bend, Inches	Per Dozen Pair
1½	½	\$1.35
1½	⅝	1.35
1½	¾	1.35
1½	⅞	1.35
2	½	1.90
2	⅝	1.90
2	¾	1.90
2	⅞	1.90

1½" countersunk for No. 7 screws, 2" for No. 8

One dozen pair in a box.

In ordering be sure and state size and off-set wanted.

Wrought Steel Wash Tray Hinges



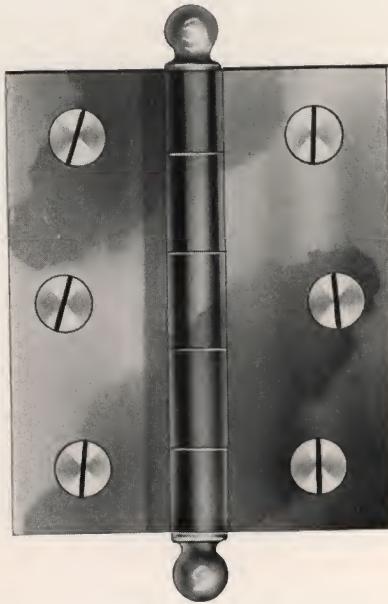
No. 870

Size, Length of Joint Inches	Size of Screw	No. 870-G Galvanized, with Brass Pins	No. 870-Bz Planished Bronze	Width Open Inches
1	6	\$2.25	\$1.80	2¾
1¾	7	2.70	2.00	3⅛
2	8	3.25	2.25	4⅛

Packed one dozen pair in a box, with screws to match.

Weight per dozen pair, 3 lbs.

Wrought Steel Light Loose Pin Butt



No. 2400

With Ball Tips

Size open	2x2	2½x2	2½x2½	3x3
Size of Screw	6	6	6	7
Screw Holes in Each Butt.....	4	6	6	6
Average weight of full cases—Pounds....	76	92	108	176
List price, Bright Steel, per doz. pair....	\$2.50	\$3.00	\$3.25	\$3.75

All sizes have five knuckles to the joint.

Packed one-half dozen pair in a box with screws, 25 dozen in case.

Wrought Steel Light Loose Pin Butt

No. 2400

With Ball Tips

List prices are per dozen pair, with plated screws to match.

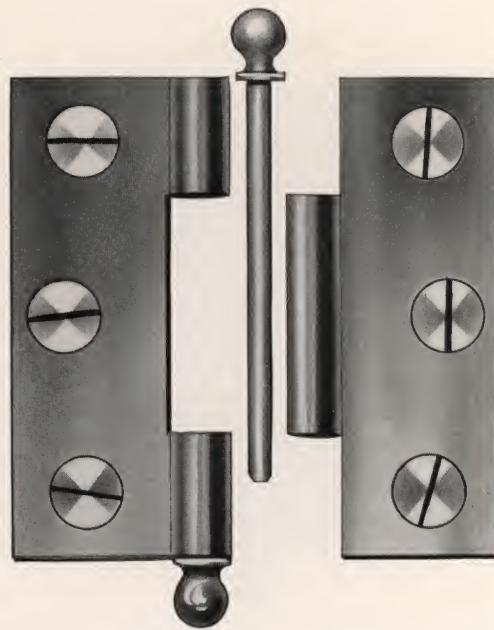
Size Open Inches	No. 2400-OC Planished Old Copper	No. 2400-OCS Old Copper Sand Finish	No. 2300-Bz Planished Bronze	No. 2400-DB Planished Dull Brass
2 x2	\$4.45	\$4.90	\$4.00	\$4.45
2½x2	4.60	5.05	4.15	4.60
2½x2½	4.70	5.15	4.25	4.70
3 x3	5.45	5.90	5.00	5.45

Size Open Inches	No. 2400-N Planished Nickel	No. 2400-OB Planished Oxid.Bras	No. 2400-OBS Oxid. Brass SandFinish	No. 2400-DE Dead Black Electro Plate	No. 2400-DBSS D. B. Slightly Oxi- dized—Sanded
2 x2	\$5.80	\$4.45	\$4.90	\$5.10	\$4.90
2½x2	5.95	4.60	5.05	5.25	5.05
2½x2½	6.05	4.70	5.15	5.35	5.15
3 x3	6.85	5.45	5.90	6.10	5.90

Size Open Inches	No. 2400½-OC Polished Old Copper	No. 2400½-Bz Polished Bronze	No. 2400½-N Polished Nickel	No. 2400½-OB Polished Oxid. Brass
2 x2	\$6.45	\$6.00	\$7.80	\$6.45
2½x2	6.95	6.50	8.30	6.95
2½x2½	7.20	6.75	8.60	7.20
3 x3	8.45	8.00	9.85	8.45

Size Open Inches	No. 2400-D Japanned Dead Black	No. 2400-J Japanned
2 x2	\$3.60	\$3.00
2½x2	3.85	3.20
2½x2½	4.05	3.40
3 x3	4.55	4.00

Wrought Steel Loose Pin Light Narrow Butt



No. 240

With Ball Tips

Size, Length of Joint	1½ in.	1¾ in.	2 in.	2¼ in.	2½ in.	3 in.
Screw holes in each	4	4	4	6	6	6
Size of Screws	5	5	6	6	6	7
Average weight of full cases	38	46	64	77	83	127
List prices Bright Steel . . .	\$1.80	\$1.95	\$2.10	\$2.25	\$2.40	\$3.30

One-half dozen pair in a box with screws, 25 dozen in a case.

The 3" has five knuckles in the joint, smaller sizes three.

Wrought Steel Loose Pin Light Narrow Butt

No. 240

With Ball Tips

List prices are per dozen pair, with plated screws to match.

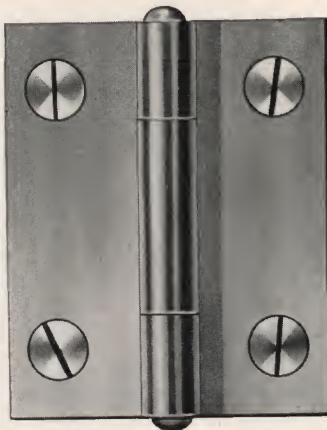
Size Inches	No. 240-OC Planished Old Copper	No. 240-OCS Old Copper Sand Finish	No. 240-Bz Planished Bronze	No. 240-DB Planished Dull Brass	No. 240-DBSS D.B. Slightly Oxidized Sanded
1½	\$3.35	\$3.80	\$2.90	\$3.35	\$3.80
1¾	3.65	4.10	3.20	3.65	4.10
2	4.05	4.50	3.60	4.05	4.50
2¼	4.20	4.65	3.75	4.20	4.65
2½	4.35	4.80	3.90	4.35	4.80
3	5.05	5.50	4.60	5.05	5.50

Size Length Inches	No. 240-N Planished Nickel	No. 240-OB Planished Oxid. Brass	No. 240-OBS Oxid. Brass Sand Finish	No. 240-DE Dead Black Electro Plate
1½	\$4.70	\$3.35	\$3.80	\$4.00
1¾	5.00	3.65	4.10	4.30
2	5.40	4.05	4.50	4.70
2¼	5.55	4.20	4.65	4.85
2½	5.70	4.35	4.80	5.00
3	6.40	5.05	5.50	5.70

Size Length Inches	No. 240½-OC Polished Old Copper	No. 240½-Bz Polished Bronze	No. 240½-N Polished Nickel	No. 240½-OB Polished Oxid. Brass
1½	\$5.05	\$4.60	\$6.40	\$5.05
1¾	5.45	5.00	6.80	4.45
2	5.85	5.40	7.20	5.85
2¼	6.35	5.90	7.70	6.35
2½	6.85	6.40	8.20	6.85
3	7.95	7.50	9.30	7.95

Size Length Inches	No. 240-D Dipped Dead Black	No. 240-J Japanned
1½	\$2.80	\$2.20
1¾	2.90	2.30
2	3.10	2.50
2¼	3.40	2.80
2½	3.80	3.10
3	4.25	3.60

Wrought Steel Light Narrow Butt



No. 810

Bright Steel

Packed one dozen pair in a box.

The $2\frac{1}{2}$ -in. and smaller have three knuckles in the joint, the larger sizes five.

Size Inches	Price per dozen	Size of Screw	Dozen pairs In Case	Weight per Case
1	\$.40	3	100	50
$1\frac{1}{4}$	.50	4	100	70
$1\frac{1}{2}$	.65	5	100	100
$1\frac{3}{4}$	.80	5	100	130
2	.90	6	100	190
$2\frac{1}{4}$	1.05	6	50	110
$2\frac{1}{2}$	1.10	6	50	125
3	1.45	7	50	205
$3\frac{1}{2}$	2.00	8	25	150

Wrought Steel Light Narrow Butt

No. 810

Prices are per dozen pair, and include plated screws to match.

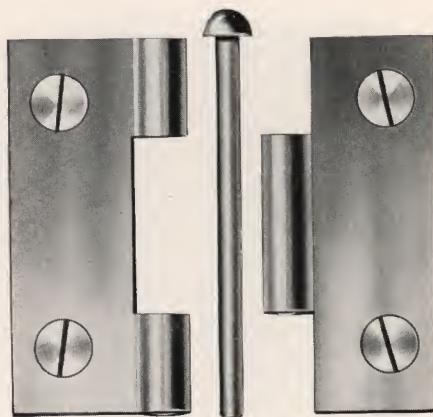
Size Inches	No. 810-OC Planished Old Copper	No. 810-OCS Old Copper Sand Finish	No. 810-BZ Planished Bronze	No. 810-DB Planished Dull Brass	No. 810-DBSS D. B. slightly Oxi- dized—Sanded
1	\$0.97	\$1.30	\$0.65	\$0.097	\$1.30
1 1/4	1.02	1.35	.70	1.02	1.35
1 1/2	1.07	1.40	.75	1.07	1.40
1 3/4	1.15	1.50	.83	1.15	1.50
2	1.25	1.60	.92	1.25	1.60
2 1/4	1.35	1.70	1.03	1.35	1.70
2 1/2	1.45	1.80	1.13	1.45	1.80
2 3/4	1.55	1.90	1.20	1.55	1.90
3	1.85	2.50	1.25	1.85	2.50
3 1/2	2.55	3.20	1.90	2.55	3.20

Size Inches	No. 810-N Planished Nickel	No. 810-OB Planished Oxid. Brass	No. 810-OBS Oxid. Brass Sand Finish	No. 810-DE Dead Black Electro Plate
1	\$2.55	\$0.97	\$1.30	\$1.45
1 1/4	2.60	1.02	1.35	1.50
1 1/2	2.65	1.07	1.40	1.55
1 3/4	2.75	1.15	1.50	1.63
2	2.85	1.25	1.60	1.72
2 1/4	2.95	1.35	1.70	1.83
2 1/2	3.05	1.45	1.80	1.95
2 3/4	3.10	1.55	1.90	2.00
3	3.95	1.85	2.50	2.55
3 1/2	4.60	2.55	3.20	3.20

Size Inches	No. 810-D Dipped Dead Black	No. 810-J Japanned
1	\$0.60	\$0.40
1 1/4	.65	.45
1 1/2	.70	.50
1 3/4	.75	.55
2	.85	.65
2 1/4	.95	.80
2 1/2	1.00	.90
2 3/4	1.05	.95
3	1.15	1.05
3 1/2	1.75	1.40

Packed one dozen pair in a box with screws

Wrought Steel Loose Pin Light Narrow Butt



No. 820

Bright Steel

Size, Length Inches	Price Per dozen Pr.	Size of Screw	Dozen pair in a case	Weight per case
1 $\frac{1}{4}$	\$0.85	4	100	90
1 $\frac{1}{2}$	.90	5	100	100
1 $\frac{3}{4}$	1.00	5	100	132
2	1.10	6	100	192
2 $\frac{1}{4}$	1.25	6	50	110
2 $\frac{1}{2}$	1.45	6	50	128
3	1.80	7	50	208
3 $\frac{1}{2}$	2.70	8	25	152

Prices continued on opposite page.

The 2 $\frac{1}{2}$ -in. and smaller have three knuckles in the joint, the larger sizes five.

Packed one dozen pair in a box.

Wrought Steel Loose Pin Light Narrow Butt

No. 820

(Continued from opposite page.)

Prices are per dozen pair, and include plated screws to match.

Size Inches	No. 820-OC Planished Old Copper	No. 820-OCS Old Copper Sand Finish	No. 820-Bz Planished Bronze	No. 820-DB Planished Dull Brass	No. 820-DBSS D.B. Slightly Oxidized Sanded
1 1/4	\$1.37	\$1.70	\$1.05	\$1.37	\$1.55
1 1/2	1.37	1.70	1.05	1.37	1.70
1 3/4	1.48	1.80	1.16	1.48	1.80
2	1.62	1.95	1.30	1.62	1.95
2 1/4	1.75	2.10	1.44	1.75	2.10
2 1/2	1.90	2.20	1.58	1.90	2.20
3	2.40	3.00	1.75	2.40	3.00
3 1/2	3.05	3.70	2.40	3.05	3.70

Size Inches	No. 820-N Planished Nickel	No. 820-OB Planished Oxid. Brass	No. 820-OBS Oxid. Brass Sand Finish	No. 820-DF Dead Black Electro Plate
1 1/4	\$2.85	\$1.37	\$1.70	\$1.85
1 1/2	2.85	1.37	1.70	1.85
1 3/4	2.95	1.48	1.80	1.95
2	3.10	1.62	1.95	2.10
2 1/4	3.25	1.75	2.10	2.25
2 1/2	3.40	1.90	2.20	2.35
3	4.00	2.40	3.00	3.00
3 1/2	4.65	3.05	3.70	3.70

Size Inches	No. 820-D Dipped Dead Black	No. 820-J Japanned
1 1/4	\$0.90	\$0.70
1 1/2	.90	.70
1 3/4	1.00	.75
2	1.10	.80
2 1/4	1.20	.90
2 1/2	1.30	1.00
3	1.60	1.30
3 1/2	2.25	1.90

Packed one dozen pair in a box, with screws.

Wrought Steel Narrow Butt



No. 850

Bright Steel Tight Pin

Size Inches	Price per dozen	Size of Screw	Dozen pair in Case	Weight per Case
1 $\frac{1}{4}$	\$0.50	6	100	105
1 $\frac{1}{2}$	.65	6	100	135
1 $\frac{3}{4}$	.80	8	100	188
2	.90	8	100	225
2 $\frac{1}{2}$	1.10	8	50	165
3	1.45	9	50	234

Price continued on opposite page.

Packed one dozen pair in a box.

The 2 $\frac{1}{2}$ -in. and smaller have three knuckles in the joint, the larger sizes five.

Wrought Steel Narrow Butt

No. 850

Tight Pin

Continued from opposite page

Prices are per dozen pair, and include screws plated to match

Size Inches	No. 850-OC Planished Old Copper	No. 850-OCS Old Copper Sand Finish	No. 850-Bz Planished Bronze	No. 850-DB Planished Dull Brass	No. 850-DBSS D.B. Slightly Oxid. Sanded
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1 $\frac{1}{4}$	\$1.07	\$1.40	\$0.75	\$1.07	\$1.40
1 $\frac{1}{2}$	1.15	1.47	.82	1.15	1.47
1 $\frac{3}{4}$	1.22	1.55	.90	1.22	1.55
2	1.37	1.70	1.05	1.37	1.70
2 $\frac{1}{2}$	1.75	2.05	1.40	1.75	2.05
3	2.35	3.00	1.70	2.35	3.00

Size Inches	No. 850-OB Planished Oxid. Brass	No. 850-OBS Oxid. Brass Sand Finish	No. 850-N Planished Nickel	No. 850-DE Dead Black Electro Plate
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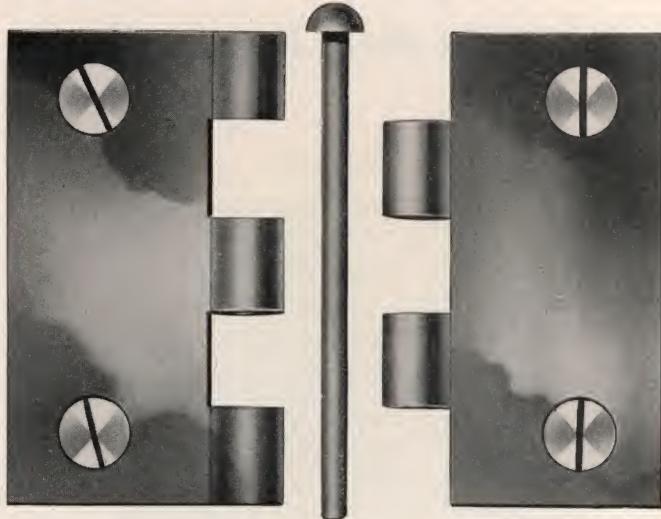
1 $\frac{1}{4}$	\$1.07	\$1.40	\$2.65	\$1.55
1 $\frac{1}{2}$	1.15	1.47	2.75	1.62
1 $\frac{3}{4}$	1.22	1.55	2.80	1.70
2	1.37	1.70	2.95	1.85
2 $\frac{1}{2}$	1.75	2.05	3.30	2.20
3	2.35	3.00	4.40	3.00

Size Inches	No. 850-D Dipped Dead Black	No. 850-J Japanned
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1 $\frac{1}{4}$	\$0.60	\$0.45
1 $\frac{1}{2}$.65	.55
1 $\frac{3}{4}$.70	.65
2	.80	.70
2 $\frac{1}{2}$	1.10	.90
3	1.35	1.10

One dozen pair in a box, with screws

Wrought Steel Light Reversible Butt



No. 830

Loose Pin Bright Steel

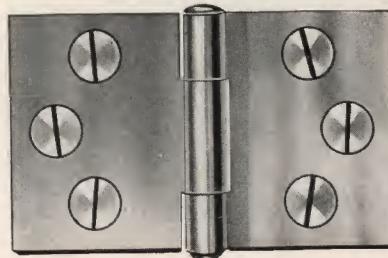
Size Open Inches	Per Dozen Pairs	Screw Holes in each Butt	Size of Screw Number	Dozen Pairs in a Case	Average Weight of Full Case
2 x2	\$1.40	4	6	50	118
2½x2	1.60	6	6	50	150
2½x2½	1.80	6	6	50	178
3 x3	2.60	6	7	25	150
Size Open Inches	No. 830-OC Planished Old Copper	No. 830-DB Planished Dull Brass	No. 830-BZ Planished Bronze	No. 830-OB Planished Oxid. Brass	
2 x2	\$1.82	\$1.82	\$1.50	\$1.82	
2½x2	2.03	2.03	1.70	2.03	
2½x2½	2.08	2.08	1.75	2.08	
3 x3	2.53	2.53	2.20	2.53	
Size Open Inches	No. 830-OCS Old Copper Sand Finish	No. 830-N Planished Nickel	No. 830-D Dipped Dead Black	No. 830-DE Dead Black Electro Plate	
2 x2	\$2.15	\$3.20	\$1.25	\$2.55	
2½x2	2.35	3.40	1.45	2.85	
2½x2½	2.40	3.50	1.50	3.00	
3 x3	2.85	3.95	1.90	3.45	
Size Open Inches			No. 830-J Japanned		
2 x2			\$1.00		
2½x2			1.10		
2½x2½			1.25		
3 x3			1.80		

All sizes have five knuckles in the joint.

All packed one dozen pair in a box.

Plated butts all packed with plated screws to match.

Wrought Steel Light Inside Blind Butt



No. 860

Size, Length of Joints	Size of Screws	Dozen Pairs in a Case	Average Weight of a Full Case
$\frac{7}{8}$	4	100	55
1	4	100	71
$1\frac{1}{8}$	5	100	92
$1\frac{1}{4}$	5	100	111
$1\frac{1}{2}$	5	100	115

Size Length of Joint	No. 860 Bright Steel	No. 860-OC Planished Old Copper	No. 860-DB Planished Dull Brass	No. 860-OB Planished Oxid. Brass
$\frac{7}{8}$	\$0.55	\$1.00	\$1.00	\$1.00
1	.60	1.05	1.05	1.05
$1\frac{1}{8}$	.65	1.10	1.10	1.10
$1\frac{1}{4}$	.70	1.15	1.15	1.15
$1\frac{1}{2}$	.80	1.30	1.30	1.30

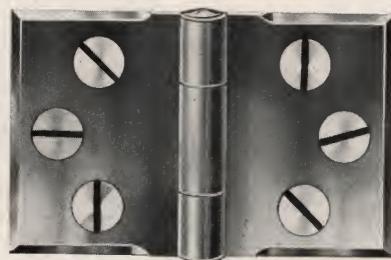
Size Length of Joint	No. 860-Bz Planished Bronze	No. 860-OCS Old Copper Sand Finish	No. 860-N Planished Nickel	No. 860-DE Dead Black Electro Plate	No. 860-DBSS D.B. Slightly Oxid. Sanded
$\frac{7}{8}$	\$0.70	\$1.35	\$2.50	\$1.60	\$1.35
1	.75	1.40	2.55	1.65	1.40
$1\frac{1}{8}$	.80	1.45	2.60	1.70	1.45
$1\frac{1}{4}$	.84	1.50	2.65	1.75	1.50
$1\frac{1}{2}$	.95	1.60	2.75	1.85	1.60

Six screw holes in each butt.

All packed one dozen pair in a box.

Plated finishes packed with plated screws to match.

Wrought Steel Light Inside Blind Butt



No. 861

Bevel Edge

Size, Length of Joints	Size of Screws	Dozen Pairs in a Case	Average, Weight of a Full Case
$\frac{7}{8}$	4	100	55
1	4	100	71
$1\frac{1}{8}$	5	100	92
$1\frac{1}{4}$	5	100	111
$1\frac{1}{2}$	5	100	115

Size Length of Joint	No. 861 Bright Steel	No. 861-OC Planished Old Copper	No. 861-DB Planished Dull Brass	No. 861-OB Planished Oxid. Brass
$\frac{7}{8}$	\$0.90	\$1.25	\$1.25	\$1.25
1	1.00	1.30	1.30	1.30
$1\frac{1}{8}$	1.10	1.35	1.35	1.35
$1\frac{1}{4}$	1.20	1.40	1.40	1.40
$1\frac{1}{2}$	1.55	1.60	1.60	1.60

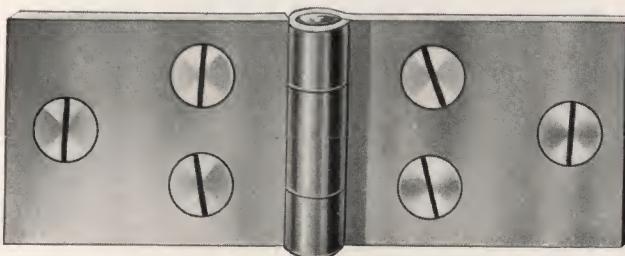
Size Length of Joint	No. 861-Bz Planished Bronze	No. 861-OCS Old Copper Sand Finish	No. 861-N Planished Nickel	No. 861-DIE Dead Black Electro-Plate	No. 861-DBSS D.B. Slightly Oxid. Sanded
$\frac{7}{8}$	\$0.95	\$1.60	\$2.45	\$1.85	\$1.60
1	1.00	1.65	2.50	1.90	1.65
$1\frac{1}{8}$	1.05	1.70	2.55	1.95	1.70
$1\frac{1}{4}$	1.10	1.75	2.60	2.00	1.75
$1\frac{1}{2}$	1.30	1.95	2.85	2.20	1.95

Six screw holes in each butt.

All packed one dozen pair in a box.

Plated finishes packed with plated screws to match.

Wrought Steel Back Flaps

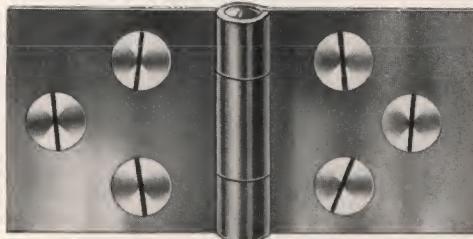


No. 825

Size Length of Joint	Price per Dozen Pairs	Size of Screws	Dozen Pair in a Case	Average Weight of Case
$\frac{7}{8}''$	\$0.75	6	100	149
1''	.80	6	100	171
$1\frac{1}{8}''$	.90	6	100	196
$1\frac{1}{4}''$	1.00	7	100	237
$1\frac{1}{2}''$	1.20	8	50	149
$1\frac{3}{4}''$	1.45	8	50	205
2''	1.70	8	50	256

Packed one dozen pairs in a box.

Wrought Steel Square Back Flaps

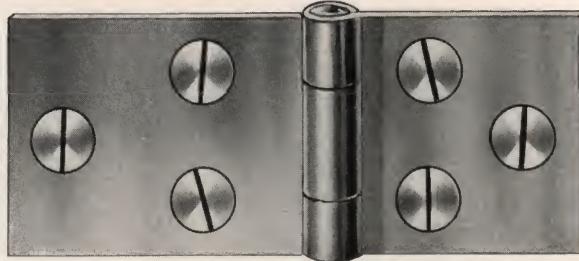


No. 826

Size Length of Joint	Price per Dozen Pairs	Size of Screws	Dozen pair in a Case	Average Weight of Case
1''	\$0.75	6	100	127
$1\frac{1}{4}''$	.90	7	100	174
$1\frac{1}{2}''$	1.05	8	100	237
$1\frac{3}{4}''$	1.30	8	50	175
2''	1.40	8	50	229

Packed one dozen pairs in a box.

Wrought Steel Table Hinges



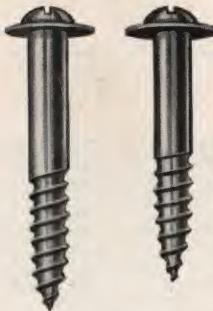
No. 815

Flush Riveted

Size Length of Joint	Price per Dozen Pairs	Size of Screws	Dozen Pair in Case	Average Weight of Case
1"	\$0.75	6	100	157
1 1/8"	.80	7	100	171
1 1/4"	.90	8	100	205
1 1/2"	1.05	8	50	135
1 3/4"	1.30	9	50	162
2"	1.40	9	50	231

Packed one dozen pair in a box.

One-Piece Stop Bead Screws



No. 144

No Washer Required

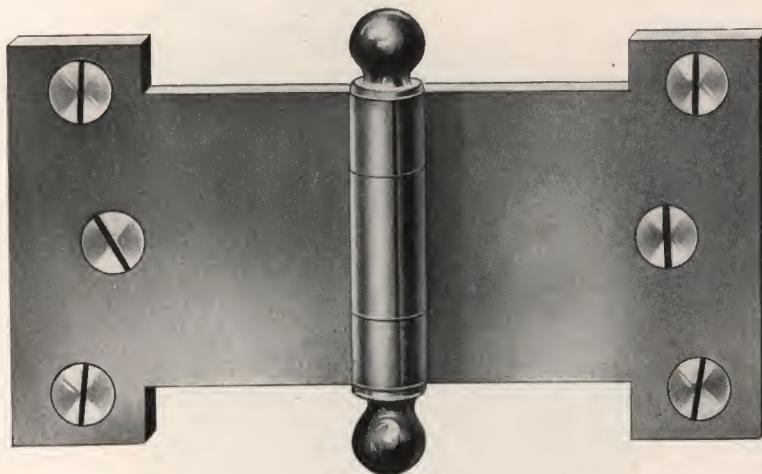
		Per Gross	
		1 1/8x8	1 1/4x10
No. 144-OC	Old Copper	\$0.80	\$0.90
No. 144-OCS	Old Copper Sand	1.00	1.10
No. 144-DB	Dull Brass .....	.80	.90
No. 144-Bz	Bronze .....	.80	.90
No. 144-N	Nickel	1.10	1.20
No. 144-OB	Oxidized Brass .....	.80	.90
No. 144-OBS	Oxidized Brass Sand	1.00	1.10

One gross in a box.

1 1/8 in. weigh 1 lb. per gross.

1 1/4 in. weigh 1 1/2 lbs. per gross.

Wrought Steel Parliament Butt



No. 244

With Loose Pin and Ball Tips

Size Width Inches	No. 244-OC Planished Old Copper	No. 244-DB Planished Dull Brass	No. 244-OBS Oxid. Brass Sand Finish	No. 244-OCS Old Copper Sand Finish
3½	\$4.85	\$4.85	\$5.30	\$5.30
4	5.30	5.30	5.80	5.80
4½	5.80	5.80	6.50	6.50
5	6.50	6.50	7.25	7.25

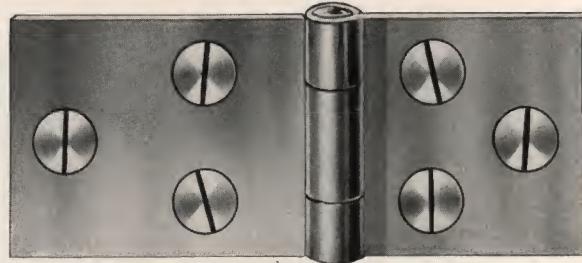
Size Width, open Inches	No. 244-Bz Planished Bronze	No. 244-DE Dead Black Electro Plate	No. 244-J Japanned	No. 244 Bright Steel
3½	\$4.85	\$5.30	\$3.50	\$2.90
4	5.30	5.80	3.75	3.15
4½	5.80	6.50	4.30	3.60
5	6.50	7.25	4.90	4.25

Fitted for No. 9 Screws.

Packed one-half dozen pair in a box, with plated screws to match.

Prices are per dozen pair, with plated screws to match.

Wrought Steel Table Hinges



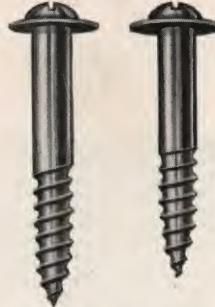
No. 815

Flush Riveted

Size Length of Joint	Price per Dozen Pairs	Size of Screws	Dozen Pair in Case	Average Weight of Case
1"	\$0.75	6	100	157
1 1/8"	.80	7	100	171
1 1/4"	.90	8	100	205
1 1/2"	1.05	8	50	135
1 3/4"	1.30	9	50	162
2"	1.40	9	50	231

Packed one dozen pair in a box.

One-Piece Stop Bead Screws



No. 144

No Washer Required

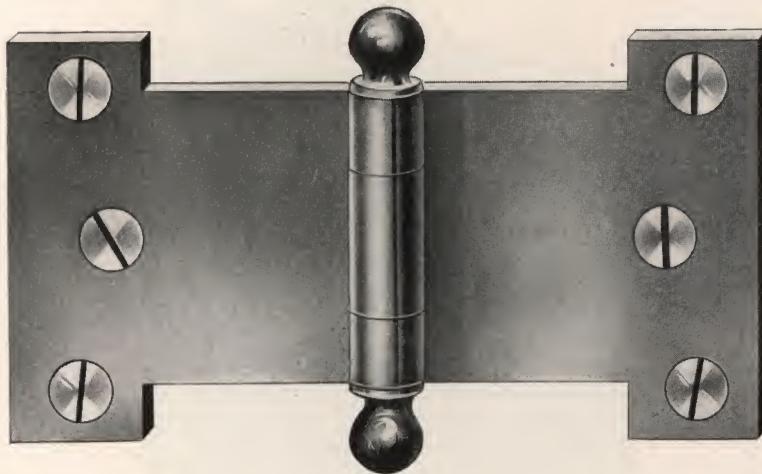
		Per Gross	1 1/8x8	1 1/4x10
No. 144-OC	Old Copper	\$0.80	\$0.90	
No. 144-OCS	Old Copper Sand	1.00	1.10	
No. 144-DB	Dull Brass .....	.80	.90	
No. 144-Bz	Bronze .....	.80	.90	
No. 144-N	Nickel	1.10	1.20	
No. 144-OB	Oxidized Brass .....	.80	.90	
No. 144-OBS	Oxidized Brass Sand	1.00	1.10	

One gross in a box.

1 1/8 in. weigh 1 lb. per gross.

1 1/4 in. weigh 1 1/2 lbs. per gross.

Wrought Steel Parliament Butt



No. 244

With Loose Pin and Ball Tips

Size Width Inches	No. 244-OC Planished Old Copper	No. 244-DB Planished Dull Brass	No. 244-OBS Oxid. Brass Sand Finish	No. 244-OCS Old Copper Sand Finish
3½	\$4.85	\$4.85	\$5.30	\$5.30
4	5.30	5.30	5.80	5.80
4½	5.80	5.80	6.50	6.50
5	6.50	6.50	7.25	7.25

Size Width, open Inches	No. 244-Bz Planished Bronze	No. 244-DE Dead Black Electro Plate	No. 244-J Japanned	No. 244 Bright Steel
3½	\$4.85	\$5.30	\$3.50	\$2.90
4	5.30	5.80	3.75	3.15
4½	5.80	6.50	4.30	3.60
5	6.50	7.25	4.90	4.25

Fitted for No. 9 Screws.

Packed one-half dozen pair in a box, with plated screws to match.

Prices are per dozen pair, with plated screws to match.

Ornamental Surface Butt



No. 344

Beveled Edge

With Slotted Ball Tips and Countersunk Holes

No. 344 is a reversible hinge. It can be made either right or left hand by unscrewing the ball tip, reversing the pin and screwing the tip in the opposite end. A slot is provided for unscrewing the nib.

This hinge is a time and labor saver, as in hanging doors it is only necessary to mortise the casement, put the door in place and screw the ornamental leaf to the surface of the door.

Special attention is called to the countersunk holes on the ornamental leaf which accommodate oval head screws, furnished with each pair of butts. The extra purchase obtained by the oval head in the countersunk holes insures a rigid holding of the butt in place. The wire of round head screws does not fill the holes and as the screws do not have countersunk holes the superiority of oval head countersunk screws is apparent.

The $1\frac{1}{2}''$ is made with oval head loose pins, instead of ball tips.

The $1\frac{1}{2}''$, 2" and $2\frac{1}{2}''$ are packed 102 pairs in a case; larger sizes are packed 100 pairs in a case.

Ornamental Surface Butt**No. 344****Beveled Edge****With Ball Tips Slotted Nibs**

For cut see opposite page.

Oval Head Countersunk Screws

List Prices

Size Inches	No. 344-OC Planished Old Copper	No. 344-OCS Old Copper Sand Finish	No. 344-Bz Planished Bronze	No. 344-DB Planished Dull Brass
1½	\$0.25	\$0.30	\$0.25	\$0.25
2	.42	.45	.42	.42
2½	.48	.51	.48	.48
3	.63	.66	.63	.63
3½	.69	.72	.69	.69
4	.80	.83	.80	.80
Size Inches	No. 344-OB Planished Oxid. Brass	No. 344-OBS Oxid. Brass Sand Finish	No. 344-N Planished Nickel	No. 344-DBSS D. B. Slightly Oxid. Sanded
1½	\$0.25	\$0.33	\$0.35	\$0.33
2	.42	.48	.54	.48
2½	.48	.54	.60	.54
3	.63	.69	.78	.69
3½	.69	.75	.86	.75
4	.80	.86	.98	.86
Size Inches	No. 344-DE Dead Black Electro Plate	No. 344-D Dipped Dead Black	No. 344-J Japanned	Weight per Dozen Pair
1½	\$0.33	\$0.18	\$0.16	2½ lbs.
2	.48	.36	.33	3½
2½	.54	.42	.39	4½
3	.72	.51	.48	12
3½	.78	.57	.54	19
4	.89	.66	.63	23

Price of Polished Butts on application.

The 1½ in. Butts have three knuckles at the joint, the larger sizes, five knuckles.

The 1½ in., 2 in. and 2½ in. are packed three pair in a box, with plated screws to match, the larger sizes, one pair in a box.

Ornamental Surface Butt



No. 345
Embossed Colonial
With Ball Tips and Countersunk Holes

No. 345 is a reversible hinge. It can be made either right or left hand by unscrewing the ball tip, reversing the pin and screwing the tip in the opposite end. **A slot** is provided for unscrewing the nib.

This hinge is a time and labor saver, as in hanging doors it is only necessary to mortise the casement, put the door in place and screw the ornamental leaf to the surface of the door.

Special attention is called to the countersunk holes on the leaf which accommodate oval head screws, furnished with each pair of butts. The extra purchase obtained by the oval head in the countersunk holes insures a rigid holding of the butt in place. The wire of round head screws does not fill the holes and as they are not countersunk, the superiority of oval head countersunk screws is apparent.

The $1\frac{1}{2}''$ is made with oval head loose pins, instead of ball tips.

The $1\frac{1}{2}''$, $2''$ and $2\frac{1}{2}''$ are packed 102 pairs in a case; larger sizes are packed 100 pairs in a case.

Ornamental Surface Butt

No. 345

Embossed Colonial

Slotted Nibs Oval Head Countersunk Screws

For cut see opposite page.

List Prices

Size Inches	No. 345-OC Planished Old Copper	No. 345-OCS Old Copper Sand Finish	No. 345-Bz Planished Bronze	No. 345-DB Planished Dull Brass
1½	\$0.19	\$0.21	\$0.19	\$0.19
2	.35	.38	.35	.35
2½	.40	.43	.40	.40
3	.48	.51	.48	.48
3½	.54	.57	.54	.54
4	.67	.70	.67	.67

Size Inches	No. 345-OB Planished Oxid. Brass	No. 345-OBS Oxid. Brass Sand Finish	No. 345-N Planished Nickel	No. 345-DBSS. D.B. Slightly Oxid. Sanded
1½	\$0.19	\$0.22	\$0.36	\$0.22
2	.35	.40	.46	.40
2½	.40	.46	.51	.46
3	.48	.54	.62	.54
3½	.54	.59	.70	.59
4	.67	.73	.83	.73

Size Inches	No. 345-DE Dead Black Electro Plate	No. 345-D Dipped Dead Black	No. 345-J Japanned	Weight per Dozen Pair
1½	\$0.22	\$0.15	\$0.13	2½ lbs.
2	.40	.30	.27	3½
2½	.46	.35	.32	4½
3	.57	.38	.35	12
3½	.62	.43	.40	19
4	.76	.51	.48	23

Price of Polished Butts on application.

The 1½ in. Butts have three knuckles at the joint, the larger sizes, five knuckles.

The 1½ in., 2 in. and 2½ in. are packed three pair in a box, with plated screws to match, the larger sizes, one pair in a box.

Ornamental Steel Surface Butt



No. 440

Embossed

With Ball Tips

This Hinge is reversible, and can be made either right or left hand by unscrewing the Ball Tip, reversing the pin and screwing the tip in the opposite end.

This Hinge is a great time and labor saver, as in hanging doors it is only necessary to mortise the casement, put the door in place and screw the ornamental leaf to the surface of the door.

The $1\frac{1}{2}$ in. is made with oval head loose pins, instead of Ball Tips.

$1\frac{1}{2}$ in., 2 in. and $2\frac{1}{2}$ in. are packed 102 pairs in a case, other sizes, 100 pairs.

Ornamental Steel Surface Butt

No. 440

Embossed

With Ball Tips

For cut see opposite page.

List Prices

Size Inches	No. 440-OC Planished Old Copper	No. 440-OCS Old Copper Sand Finish	No. 440-Bz Planished Bronze	No. 440-DB Planished Dull Brass
1½	\$0.12	\$0.14	\$0.12	\$0.12
2	.20	.22	.20	.20
2½	.25	.27	.25	.25
3	.30	.32	.30	.30
3½	.32	.34	.32	.32
4	.40	.42	.40	.40

Size Inches	No. 440-OB Planished Oxid. Brass	No. 440-OBS Oxid. Brass Sand Finish	No. 440-N Planished Nickel	No. 440-ED Dead Black Electro Plate
1½	\$0.12	\$0.14	\$0.16	\$0.16
2	.20	.22	.26	.26
2½	.25	.27	.30	.30
3	.30	.32	.40	.36
3½	.32	.34	.44	.40
4	.40	.42	.50	.48

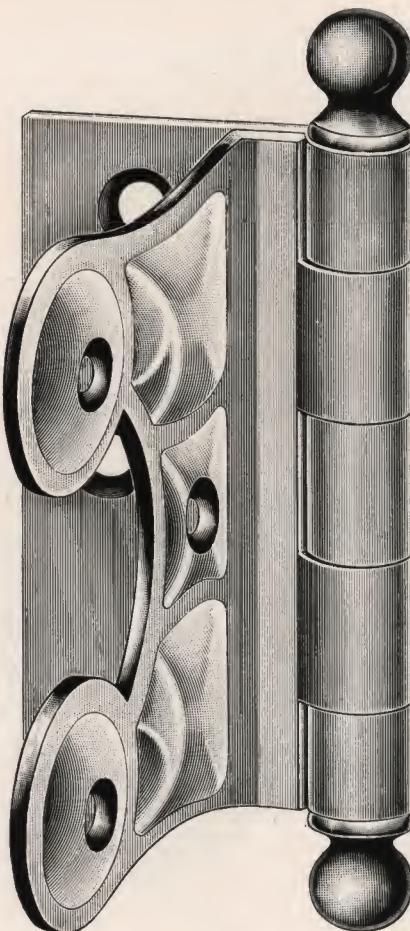
Size Inches	No. 440-D Dipped Dead Black	No. 440-J Japanned	Weight per Dozen Pair
1½	\$0.10	\$0.08	2 lbs.
2	.16	.12	3
2½	.20	.18	4
3	.24	.20	11½
3½	.26	.24	18
4	.32	.28	22

Price of Polished Butts on application.

The 1½ in. Butts have three knuckles at the joint, the larger sizes, five knuckles.

The 1½ in., 2 in. and 2½ in. are packed three pair in a box, with plated screws to match, the larger sizes, one pair in a box.

Ornamental Steel Surface Butt



No. 444

Embossed

With Ball Tips

This Hinge is reversible, and can be made either right or left hand by unscrewing the Ball Tip, reversing the pin and screwing the tip in the opposite end.

This Hinge is a great time and labor saver, as in hanging doors it is only necessary to mortise the casement, put the door in place and screw the ornamental leaf to the surface of the door.

The $1\frac{1}{2}$ in. is made with oval head loose pins, instead of Ball Tips.

$1\frac{1}{2}$ in., 2 in. and $2\frac{1}{2}$ in. packed 102 pairs in a case, other sizes, 100 pairs.

Ornamental Steel Surface Butt

No. 444

With Ball Tips

For cut see opposite page.

List Prices

Size Inches	No. 444-OC Planished Old Copper	No. 444-OCS Old Copepr Sand Finish	No. 444-Bz Planished Bronze	No. 444-DB Planished Dull Brass
1½	\$0.12	\$0.14	\$0.12	\$0.12
2	.20	.22	.20	.20
2½	.25	.27	.25	.25
3	.30	.32	.30	.30
3½	.32	.34	.32	.32
4	.40	.42	.40	.40

Size Inches	No. 444-OB Planished Oxid. Brass	No. 444-OBS Oxid. Brass Sand Finish	No. 444-N Planished Nickel	No. 444-DE Dead Black Electro Plate
1½	\$0.12	\$0.14	\$0.16	\$0.16
2	.20	.22	.26	.26
2½	.25	.27	.30	.30
3	.30	.32	.40	.36
3½	.32	.34	.44	.40
4	.40	.42	.50	.48

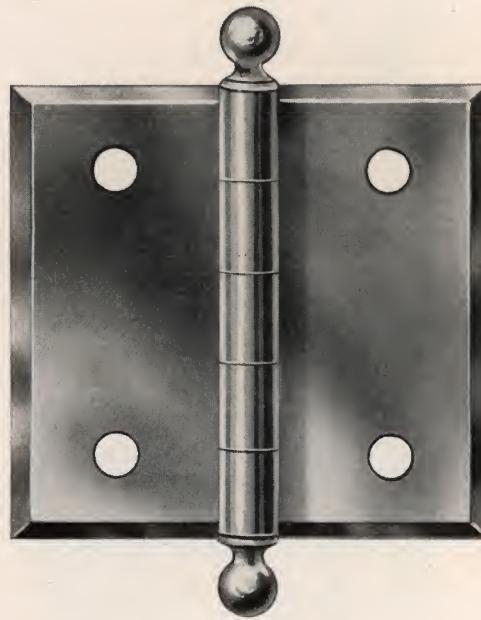
Size Inches	No. 444-D Dipped Dead Black	No. 444-J Japanned	Weight per Dozen Pair
1½	\$0.10	\$0.08	2 lbs.
2	.16	.12	3
2½	.20	.18	4
3	.24	.20	11½
3½	.26	.24	18
4	.32	.28	22

Price of Polished Butts on application.

The 1½ in. Butts have three knuckles at the joint, the larger sizes, five knuckles.

The 1½ in., 2 in. and 2½ in. are packed three pair in a box, with plated screws to match, the larger sizes, one pair in a box.

Ornamental Surface Hinge



No. 340

Beveled Edge Ball Tips

List Prices Per Pair

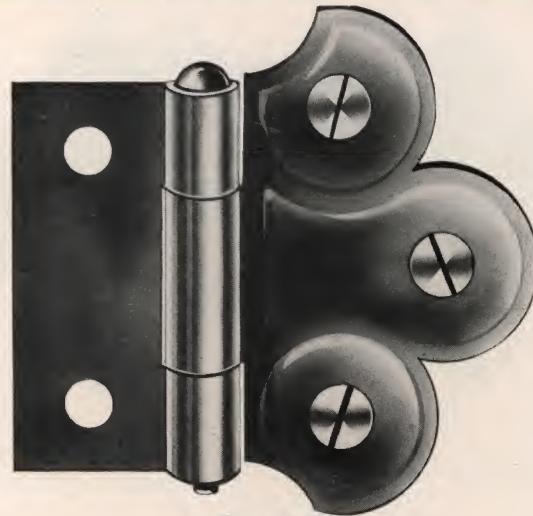
No. 340-OC	Old Copper	\$0.25	\$0.42	\$0.48
No. 340-OCS	Old Copper Sand .....	.30	.45	.51
No. 340-Bz	Bronze .....	.25	.42	.48
No. 340-DB	Dull Brass .....	.25	.42	.48
No. 340-OB	Oxidized Brass.....	.25	.42	.48
No. 340-OBS	Oxidized Brass Sand.....	.33	.48	.54
No. 340-N	Nickel .....	.35	.54	.60
No. 340-DE	Dead Black Electro .....	.33	.48	.54
No. 340-DBSS	Dull Brass, Slightly Oxidized, Sand Blast...	.33	.48	.54

1½ in. weight 3 lbs. per dozen pair, 2 in., 6 lbs., 2½ in., 8 lbs.

Packed three pair in a box, with screws to match.

The 1½ in. have oval head pins, the 2 in. and 2½ in., Ball Tips and Nibs.

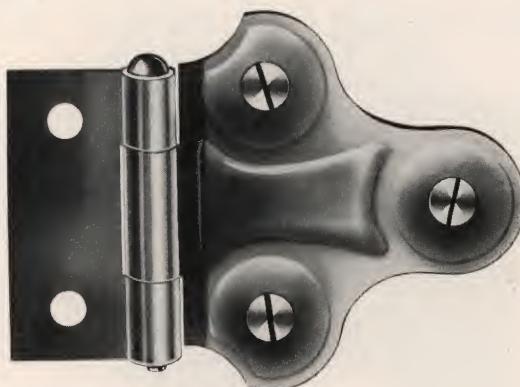
Ornamental Steel Half Surface Butt

**No. 140**

Cut actual size

Short Leaf Hinge Embossed

No. 140-DE	Dead Black Electro	No. 140-N	Nickel	2.00
	Plate.....	No. 140-OB	Oxidized Brass.....	1.80
No. 140-OC	Old Copper	No. 140-OBS	Oxidized Brass Sand	
No. 140-OCS	Old Copper Sand		Finish.....	2.00
	Finish.....	No. 140-DBSS	Dull Brass, Slightly	
No. 140-Bz	Bronze		Oxidized, Sand Blast	2.00
No. 140-DB	Dull Brass			

**No. 141**

Cut actual size

Long Leaf Hinge Embossed

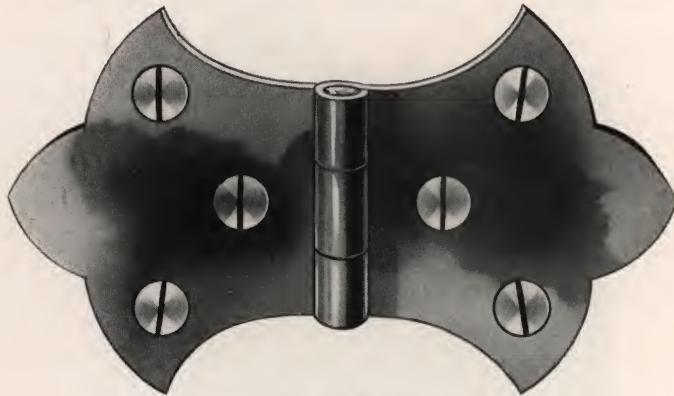
No. 141-DE	Dead Black Electro	No. 141-N	Nickel	2.00
	Plate.....	No. 141-OB	Oxidized Brass.....	1.80
No. 141-OC	Old Copper	No. 141-OBS	Oxidized Brass Sand	
No. 141-OCS	Old Copper Sand		Finish.....	2.00
	Finish.....	No. 141-DBSS	Dull Brass Slightly	
No. 141-Bz	Bronze		Oxidized Sand Blast	2.00
No. 141-DB	Dull Brass			

Packed one dozen pair in a box, with No. 5 screws.

Weight 2 lbs. per dozen.

Prices are per dozen pair, with plated screws to match.

Wrought Steel Ornamental Hinge



No. 1340

Made in Two Sizes "Butterfly" Pattern

Number	Description	Size 13-16 inch	Size 1-inch	Number	Description	Size 13-16 inch	Size 1-inch
1340-Bz	Bronze Plated.....	\$1.25	\$1.50	1340-DB	Dull Brass	1.25	1.50
1340-BB	Buffed Brass	1.25	1.50	1340-OB	Oxid. Brass	1.25	1.50
1340-OC	Old Copper	1.25	1.50	1340-N	Nickle Plated.....	1.50	1.80

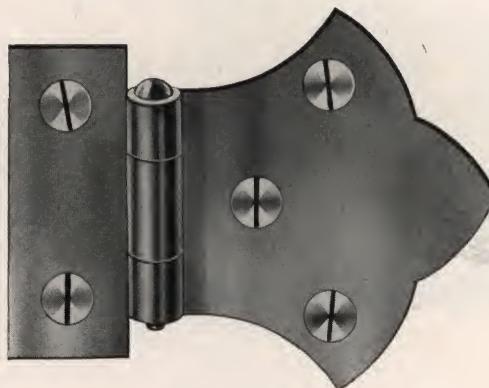
Width when open, $\frac{1}{8} \times 2\frac{1}{2}$; 1x3.

Prices are per dozen pair with plated screws to match.

Packed one dozen pair in a box, with screws.

Weight 13 oz. and 1 lb. 9 oz. per pair.

Ornamental Half Surface Butt



No. 1345

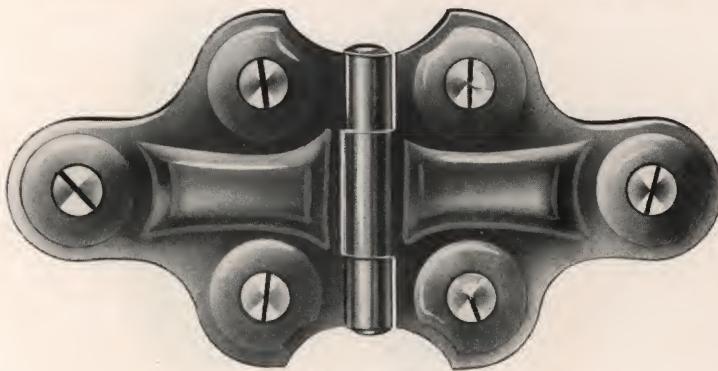
"Butterfly" Pattern

Number	Description	List	Number	Description	List
1345-Bz	Bronze Plated	\$1.50	1340-DB	Dull Brass	1.50
1345-BB	Buffed Brass	1.50	1340-OB	Oxidized Brass	1.50
1340-OC	Old Copper	1.50	1340-N	Nickel	1.80

Length of joint, 1 inch; extreme width when open $2\frac{1}{4}$ inches.

Packed one dozen pairs in a box with screws.

Ornamental Steel Surface Hinge



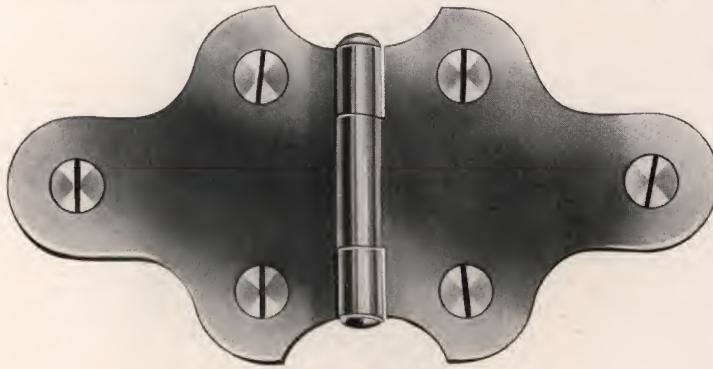
No. 1044

Cut actual size

Embossed

No. 1044-DE	Dead Black Electro		No. 1044-DB	Dull Brass	1.80
	Plate	\$2.00	No. 1044-N	Nickel	2.00
No. 1044-OC	Old Copper	1.80	No. 1044-OB	Oxidized Brass.....	1.80
No. 1044-OCS	Old Copper Sand		No. 1044-OBS	Oxidized Brass Sand	
	Finish.....	2.00		Finish.....	2.00
No. 1044-Bz	Bronze	1.80			

Ornamental Steel Surface Hinge



No. 1040

Cut actual size

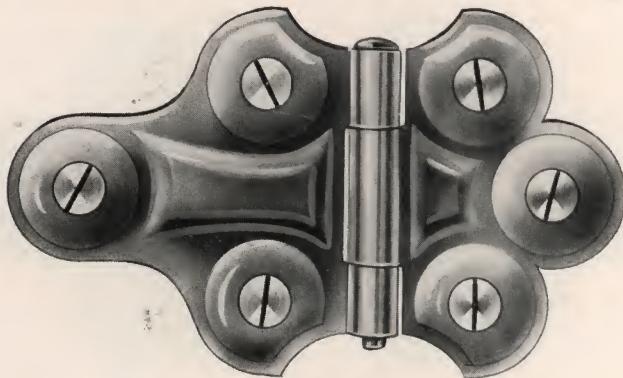
No. 1040-DE	Dead Black Electro		No. 1040-DB	Dull Brass	1.80
	Plate	\$2.00	No. 1040-N	Nickel	2.00
No. 1040-OC	Old Copper	1.80	No. 1040-OB	Oxidized Brass.....	1.80
No. 1040-OCS	Old Copper Sand		No. 1040-OBS	Oxidized Brass Sand	
	Finish.....	2.00		Finish.....	2.00
No. 1040-Bz	Bronze	1.80			

Packed one dozen pair in a box, with No. 5 screws.

Weight 2 lbs. 9 oz. per dozen pair.

Prices are per dozen pair, with plated screws to match.

Ornamental Steel Surface Hinge



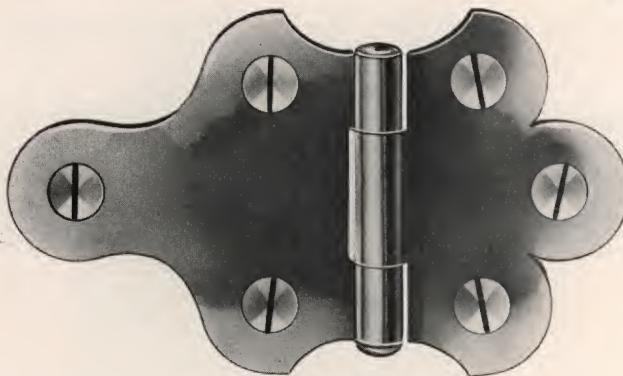
No. 1144

Cut actual size

Embossed

No. 1144-DE	Dead Black Electro	No. 1144-DB	Dull Brass	1.80
	Plate	No. 1144-N	Nickel	2.00
No. 1144-OC	Old Copper	No. 1144-OB	Oxidized Brass.....	1.80
No. 1144-OCS	Old Copper Sand	No. 1144-OBS	Oxidized Brass Sand	
	Finish.....		Finish.....	2.00
No. 1144-Bz	Bronze			
	1.80			

Ornamental Steel Surface Hinge



No. 1140

Cut actual size

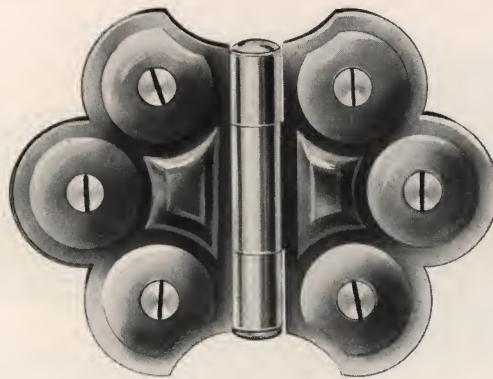
No. 1140-DE	Dead Black Electro	No. 1140-DB	Dull Brass	1.80
	Plate	No. 1140-N	Nickel	2.00
No. 1140-OC	Old Copper	No. 1140-OB	Oxidized Brass.....	1.80
No. 1140-OCS	Old Copper Sand	No. 1140-OBS	Oxidized Brass Sand	
	Finish.....		Finish.....	2.00
No. 1140-Bz	Bronze			
	1.80			

Packed one dozen pair in a box, with No. 5 screws.

Weight 2 lbs. 5 oz. per dozen pair.

Prices are per dozen pair, with plated screws to match.

Ornamental Steel Surface Hinge



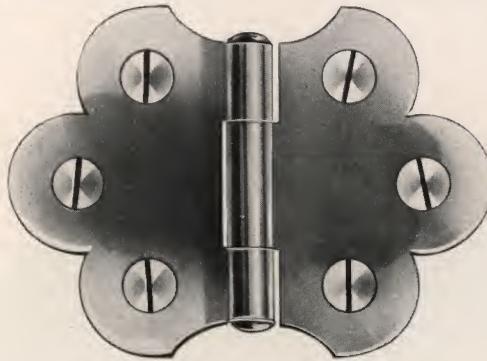
No. 1244

Cut actual size

Embossed

No. 1244-DE	Dead Black Electro		No. 1244-DB	Dull Brass	1.80
	Plate	\$2.00	No. 1244-N	Nickel	2.00
No. 1244-OC	Old Copper	1.80	No. 1244-OB	Oxidized Brass.....	1.80
No. 1244-OCS	Old Copper Sand		No. 1244-OBS	Oxidized Brass Sand	
	Finish.....	2.00		Finish.....	2.00
No. 1244-Bz	Bronze	1.80			

Ornamental Steel Surface Hinge



No. 1240

Cut actual size

No. 1240-DE	Dead Black Electro		No. 1240-DB	Dull Brass	1.80
	Plate	\$2.00	No. 1240-N	Nickel	2.00
No. 1240-OC	Old Copper	1.80	No. 1240-OB	Oxidized Brass.....	1.80
No. 1240-OCS	Old Copper Sand		No. 1240-OBS	Oxidized Brass Sand	
	Finish.....	2.00		Finish.....	2.00
No. 1240-Bz	Bronze	1.80			

Packed one dozen pair in a box, with No. 5 screws.

Weight per doz. pair, 2 lbs.

Prices are per dozen pair, with plated screws to match.

Ornamental Garage Hinge



No. 940

This new hinge has all the strength features of our regular T hinges and is more ornamental. The number and the arrangement of the screw holes is especially attractive. The introduction of two washers (see cut) provides an easy working serviceable joint.

List Prices

No. 940 and No. 941

	Bright Steel	Japanned
15 inch, per dozen pairs.....	\$19.00	\$20.00
18 inch, per dozen pairs.....	23.00	24.00
24 inch, per dozen pairs.....	27.00	28.00

Ornamental Garage Hinge



No. 941

This Hinge is the same as the No. 940 Hinge shown above, with the exception that it is offset $1\frac{1}{4}$ ". List prices are the same on both Hinges.

Ornamental Hinge



No. 942

A Hinge created to fill the demand for an ornamental strap hinge for garage doors. It is inexpensive, and at the same time adds to the appearance of the doors.

Can be furnished in plain steel, japanned or galvanized finishes. Sizes, 10, 12 and 14 inch.

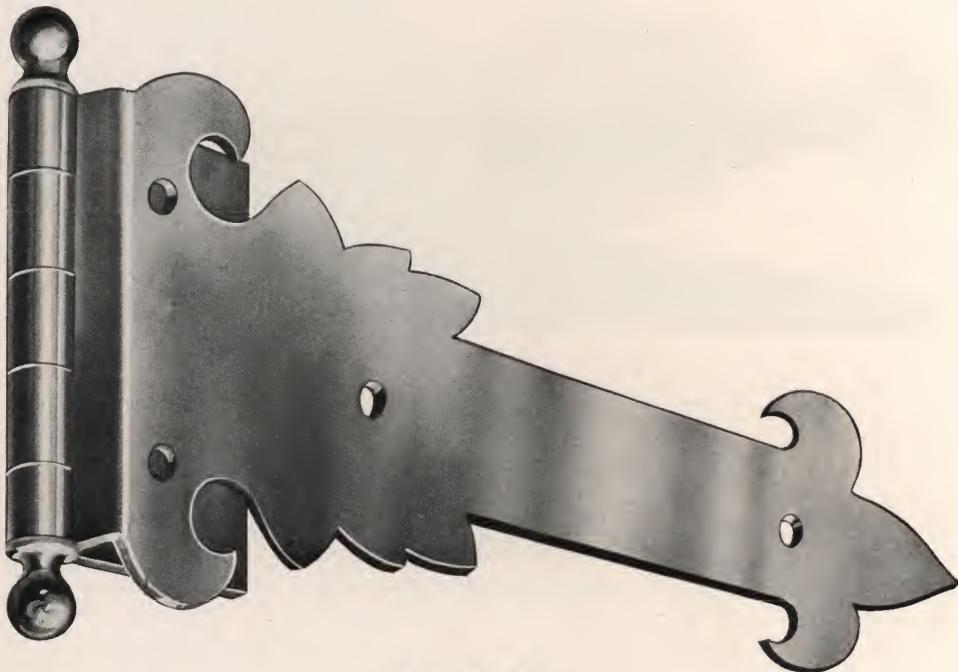
Colonial Hinge Plate



Can be furnished in any length or finish.

Net price on application.

Colonial Hinge



No. 944

This Hinge measures 8 in. in length, with a 3½ in. butt. The nibs screw into either end of the butt part, making it applicable for either right or left hand doors.

It is made from high-grade cold rolled steel, and when finished in any of our electro-plated finishes, it has a brilliant polished surface. Gives a massive appearance to a door, and a beauty, style and finish that is otherwise unobtainable.

List Price

No. 944-OC	Old Copper	\$0.80
No. 944-DB	Dull Brass .....	.80
No. 944-N	Nickel	1.00
No. 944-Bz	Bronze .....	.80
No. 944-OCS	Old Copper Sand Blast .....	.90

Other finishes can also be furnished.

Packed one pair in a box with screws.

Screen Door Butt



No. 124

Cut actual size

Loose Pin Ball Tip

The plated butts have ball tip pin and ball tip nibs. The japanned butts have ball tipped pin and no nib.

No. 124-OC	Old Copper	\$2.00
No. 124-OCS	Old Copper Sand	2.40
No. 124-DB	Dull Brass	2.00
No. 124-Bz	Bronze	2.00
No. 124-N	Nickel	2.60
No. 124-OB	Oxidized Brass	2.00
No. 124-OBS	Oxidized Brass Sand	2.40
No. 124-DE	Dead Black Electro Plate	2.40
No. 124-J	Japanned	1.50

Packed one-half dozen pair in box, with screws.

Weight 7 lbs. per dozen pairs.

Screen Door Butt

No. 125

Cut is exact size of butt.

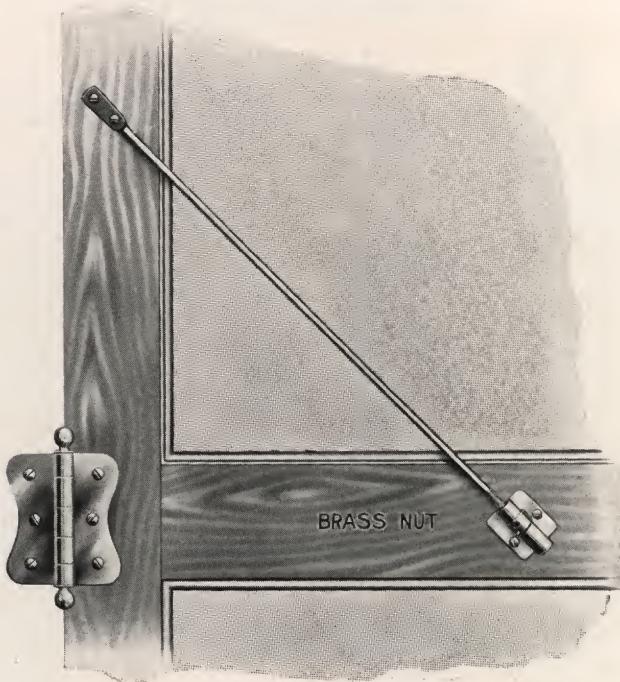
Loose Pin

Packed one-half dozen pair in a box with screws.

No. 125-OC	\$1.60
No. 125-DB	1.60
No. 125-Bz	1.60
No. 125-OB	1.60
No. 125-OCS	1.80
No. 125-OBS	1.80
No. 125-N	2.00
No. 125-DBE	1.80
No. 125-J	1.20



Screen Door Brace



No. 152

Japanned

These Braces are made from one piece of extra heavy wire, 15 inches in length, with a brass adjusting nut at one end.

The adjusting nut is cross drilled, so that by inserting even a common nail and turning it, the necessary adjustment can be obtained. As brass will not rust to steel, the adjusting nut insures an easy adjustment at all times.

Packed one dozen in a box with short wires to be used in adjusting Braces.
All the standard plated finishes in stock.

For plated finishes add the abbreviations for finishes as listed on page 8.

Weight 24 lbs. Per Gross.

Screen Door Spring



Japanned

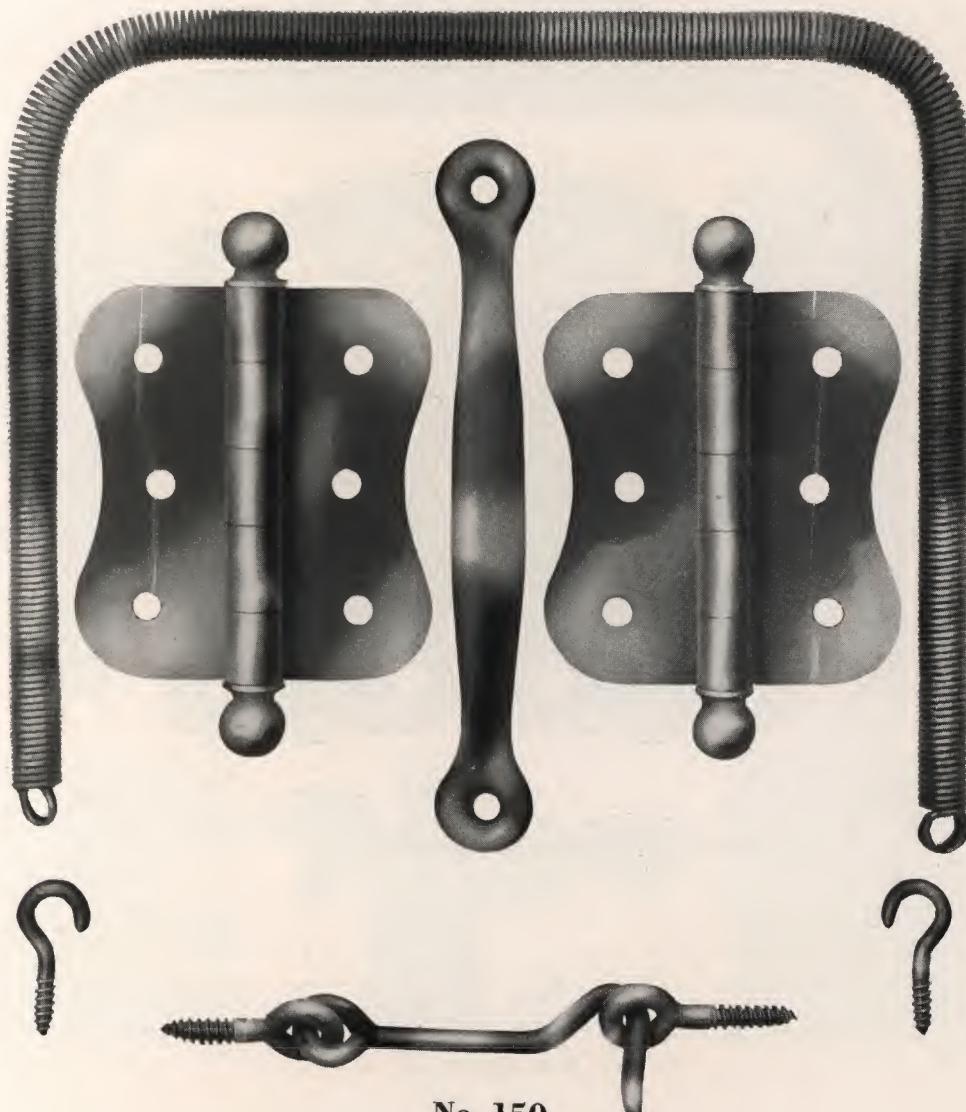
List Prices Per Gross

Weight per Doz.

No. 2.....	\$4.50	1 $\frac{3}{4}$
No. 3.....	5.00	2
No. 4.....	5.50	2 $\frac{3}{4}$
No. 5.....	6.50	3
No. 6.....	8.00	3 $\frac{1}{4}$

With Screw eyes. Packed one dozen in a box. Furnished in plated finishes when desired. For list of finishes see page 8.

Screen Door Sets



No. 150
Wrought Steel

Each plated set consists of one pair ball tipped loose pin ornamental butts, one No. 3040 $5\frac{1}{2}$ inch handle, one $2\frac{1}{2}$ inch hook and eye, and one No. 3 extra quality spring.

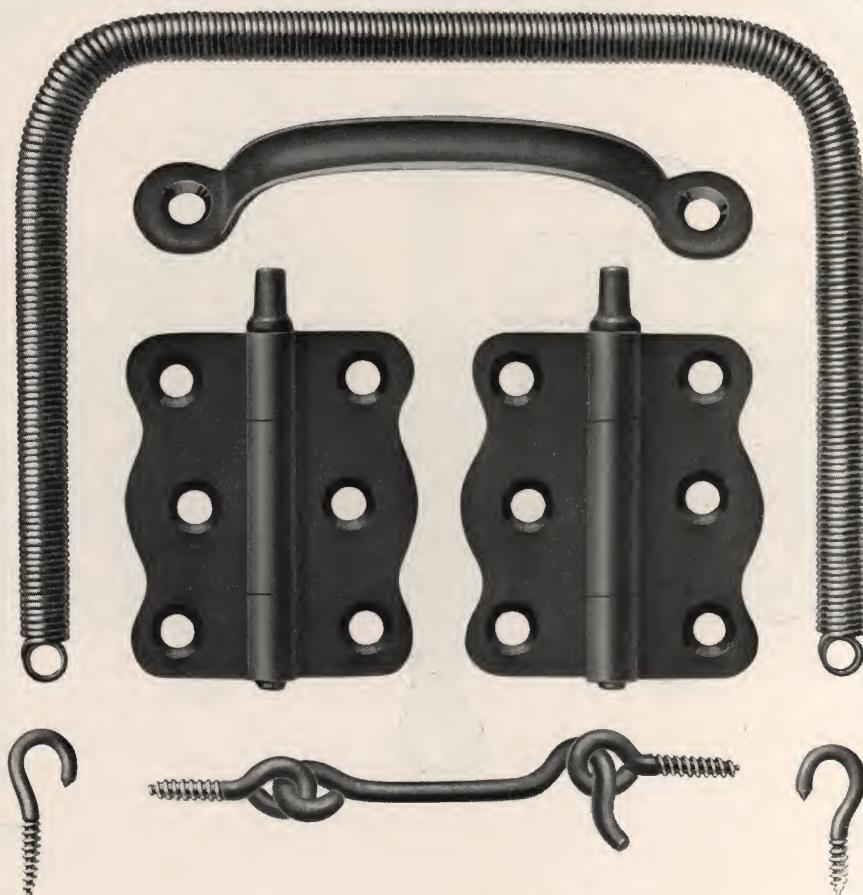
Japanned sets have ball tipped pin, only. One set in a box, complete with screws. Six dozen sets in a wooden case. Sand finishes and special finishes furnished when specified, or made to match sample when desired. For list of other finishes see page 8.

List Price Per Dozen Sets

No. 150-J Japanned	\$2.50	No. 150-DB Dull Brass	3.50
No. 150-OC Old Copper	3.50	No. 150-OB Oxidized Brass.....	3.50
No. 150-Bz Bronze	3.50	Weight 75 lbs. per case.	

We believe this to be the best screen door set on the market. The butts are made of heavy cold rolled steel. They are $3\frac{3}{4} \times 2\frac{1}{2}$ inches in size and very substantial as well as ornamental. The handle which is made of pressed steel is without doubt the best for the purpose of any made. We especially recommend this set for plated finishes. A No. 3 spring, gate hook and eye and the necessary screws are furnished with each set.

Screen Door Set



No. 148

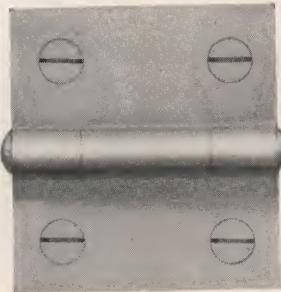
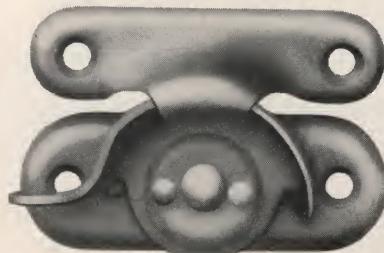
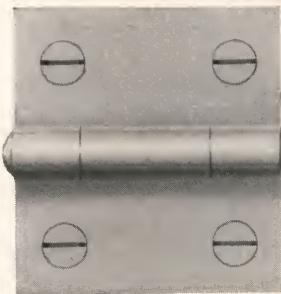
Wrought Steel

Each set has one pair of No. 125 screen door butts. The illustration above shows the butts actual size. The handle which is made of pressed steel is much more ornamental than the square handles often sold with moderate priced sets. Attention is called to the fact that this set while sold at a very low price contains a No. 3 spring. A $2\frac{1}{2}$ " gate hook and eye together with necessary screws are furnished with each set.

We specialize on this set in japan finish and recommend set No. 150 for plated finishes. Set No. 148 will be furnished in any of the plated finishes if ordered.

One set in a box, complete with screws. Six dozen sets in a wooden case.

Wrought Steel Cellar Window Set



No. 153

This set consists of one pair of 2x2 No. 8080 broad butts, one No. 174 sash lock, one 2" hook and eye.

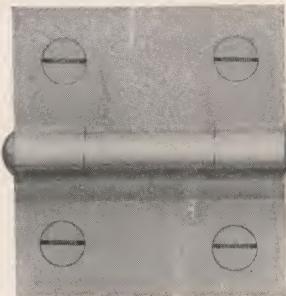
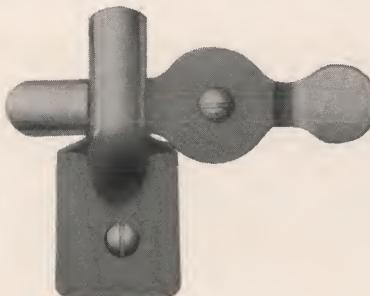
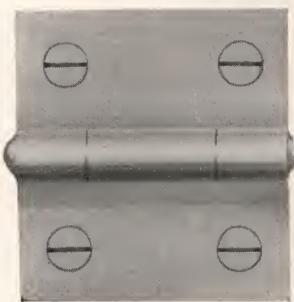
Galvanized sets are heavily coated to prevent rusting.

List Prices

No. 153-G Galvanized..... \$26.50 No. 153-J Japanned..... 24.00

Packed one set in a box complete, with screws. One gross in a wooden case. Prices are per gross sets, with screws to match. Weight per gross sets, 72 lbs.

Wrought Steel Cellar Window Set



No. 154

This set consists of one pair of 2x2 No. 8080 broad butts, one substantial fastener, one 2" hook and eye.

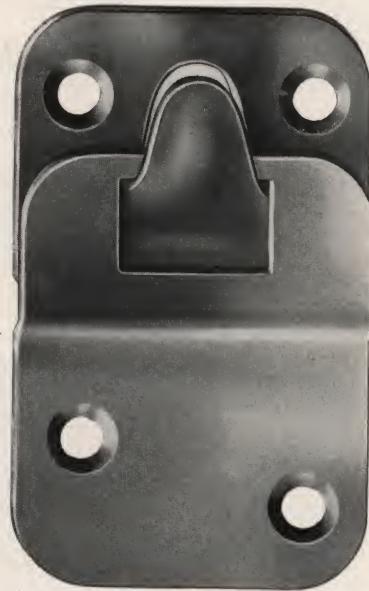
Galvanized sets are heavily coated to prevent rusting.

List Prices

No. 154-G Galvanized..... \$16.00 No. 154-J Japanned..... 15.00

Packed one set in a box complete with screws. One gross in a wooden case. Prices are per gross sets, with screws to match. Weight per case, 70 lbs.

Top Screen and Storm Sash Hanger



No. 151

Especially recommended where an extra strong hanger is required.

Sereen and storm windows hung with these hangers can be easily removed from the inside.

For ventilating, or cleaning windows, simply swing the sash out.

The directions for hanging sash with these hangers are very simple. Screw the male parts of these hangers to the top of the window frame, and the female parts to the sash directly below the male parts. Raise the sash until the hangers engage with the hooks on the upper part. The sash is then in position, and the work finished.

The No. 151-J Hangers are nicely Japanned and packed one dozen sets in a paper box, with screws. No. 151-G Hangers are heavily galvanized and packed with galvanized screws. Thirty-six dozen packed in a wooden case.

Extra bottoms can be furnished, packed two dozen in a box, with No. 8 screws.

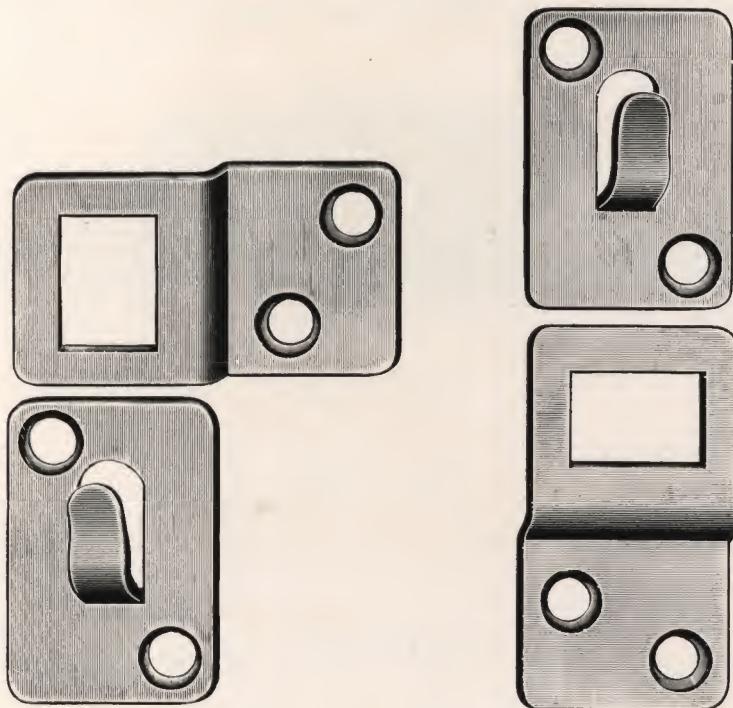
No. 151-J—Japan

No. 151-G—Galvanized

Weight per dozen sets, $3\frac{1}{4}$ lbs.

Weight, extra bottoms, two dozen, $3\frac{3}{4}$ lbs.

Top and Side Screen and Storm Sash Hanger



No. 155

These sash hangers are a "two in one" device. They are ready for service with attachment at either side or top of window. Dealers who stock both top and side hangers will appreciate having the advantages of both hangers combined in one.

Sets of two tops and two bottoms complete with screws are wrapped complete in separate packages. Twelve sets packed in a box. Thirty-six dozen sets in a case.

Extra bottoms can be furnished, packed two dozen sets in a box with No. 8 screws.

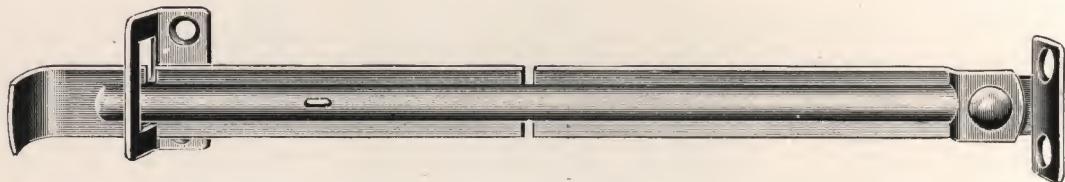
155-J—Japan

155-G—Galvanized

Weight, per dozen sets, $2\frac{3}{4}$ lbs.

Weight, extra bottoms, two dozen, $3\frac{1}{4}$ lbs.

Storm Window Ventilator



No. 149

Japan Finish

This ventilator is for use with either our 151 or 155 sash hangers. It can also be used with any other sash hanger on the market.

When the window is closed the arm acts as a self-locking device, and prevents opening window from the outside.

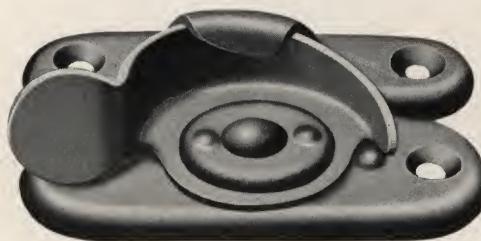
The notches in the arm provide two different positions for the window.

We recommend the use of two arms on each window.

Ventilators are packed one dozen (12 braces and 12 catches) in a box with necessary No. 7 screws.

Weight per dozen, 2 lbs. 12½ ounces.

Sash Lock



No. 174

This sash lock is made of cold rolled steel. It is furnished in any of the finishes listed below or in special finishes when samples are submitted.

We consider our method of attaching the spring superior to other methods. It is the result of much careful experimenting and will not get out of order.

This lock will positively pull the windows together.

List Prices

No. 174-OC	Old Copper	\$10.00
No. 174-OCS	Old Copper Sand Finish	11.00
No. 174-Bz	Bronze	10.00
No. 174-DB	Dull Brass	10.00
No. 174-OB	Oxidized Brass	10.00
No. 174-OBS	Oxidized Brass Sand Finish	11.00
No. 174-N	Nickel	11.00
No. 174-J	Japanned	7.00

Weigh 24 lbs. per gross.

Packed one dozen in a box, with No. 6 screws plated to match.

Six gross in a case.

Chest Handle



No. 116

An extra strong handle suitable for chests and other uses.

List Prices

		3½ in. per dz. pr.	4 in. per dz. pr.
No. 116-J	Japanned	\$1.80	\$2.50
No. 116-G	Electro-galvanized	2.50	3.20

Made of cold rolled steel for plating.

No. 116-OC	Old Copper	\$3.00	\$3.50
No. 116-OCS	Old Copper Sand	3.50	4.00
No. 116-Bz	Bronze	3.00	3.50
No. 116-DB	Dull Brass	3.00	3.50
No. 116-N	Nickel	3.50	4.00
No. 116-OB	Oxidized Brass	3.00	3.50
No. 116-OBS	Oxidized Brass Sand	3.50	4.00

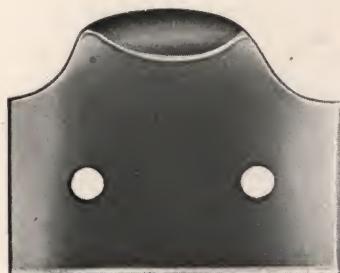
Packed one-half dozen pairs in a box, with No. 9 screws.

Weight per dozen pair complete, 10½ lbs.

Wrought Steel Sash Lifts



No. 400



No. 401



No. 402

Bevel Edge

Finish	Beveled Edge	List Price Per Gross with Screws
Old Copper	400-OC	\$3.60
Old Copper Sand	400-OCS	4.00
Bronze	400-Bz	3.60
Dull Brass	400-DB	3.60
Nickel	400-N	4.30
Oxidized Brass.....	400-OB	3.60
Oxidized Brass Sand.....	400-OBS	4.00
Dead Black Electro Plate	400-DE	4.00

Plain

Finish	Straight Edge	List Price Per Gross with Screws
Old Copper	401-OC	\$2.50
Old Copper Sand	401-OCS	2.90
Bronze	401-Bz	2.50
Dull Brass	401-DB	2.50
Nickel	401-N	3.20
Oxidized Brass.....	401-OB	2.50
Oxidized Brass Sand.....	401-OBS	2.90
Dead Black Electro Plate	401-DE	2.90

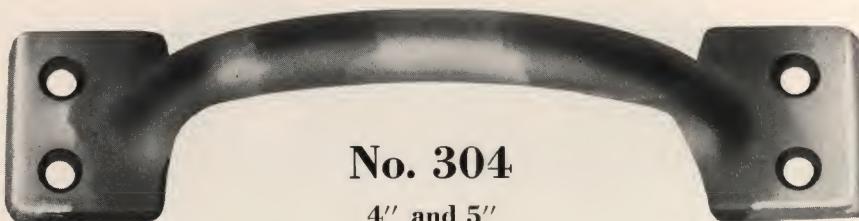
Embossed

Finish	Embossed	List Price Per Gross with Screws
Old Copper	402-OC	\$3.60
Old Copper Sand	402-OCS	4.00
Bronze	402-Bz	3.60
Dull Brass	402-DB	3.60
Nickel	402-N	4.30
Oxidized Brass Sand.....	402-OBS	4.00
Dead Black Electro Plate	402-DE	4.00

Other sand finishes and special finishes furnished when specified. Sash lifts are packed three dozen in a box, with No. 6 screws plated to match.

Weight per gross, 8 lbs.

Steel Sash Lift



No. 304

4" and 5"

List Prices Per Gross

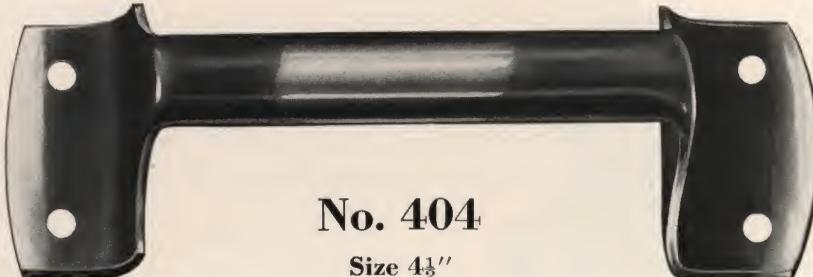
Number	Finish	4-in. per Gross with No. 6 Screws	5-in. Per Gross with No. 7 Screws	Number	Finish	4-in. per Gross with No. 6 Screws	5-in. Per Gross with No. 7 Screws
No. 304-OC	Old Copper	\$ 9.00	\$10.00	No. 304-OB	Oxidized Brass	9.00	10.00
No. 304-OCS	Old Copper Sand	10.00	11.00	No. 304-OBS	Oxidized Brass Sand	10.00	11.00
No. 304-Bz	Bronze	9.00	10.00	No. 304-DE	Dead Black		
No. 304-DB	Dull Brass	9.00	10.00		Electro Plate	10.00	11.00
No. 304-N	Nickel	12.00	13.00				

Other sand finishes and special finishes furnished when specified.

Packed one dozen in a box, with screws to match.

4 in. weigh $14\frac{1}{4}$ lbs. per gross, 5 in, $21\frac{1}{4}$ lbs.

Wrought Steel Bar Sash Lift



No. 404

Size $4\frac{1}{2}"$

List Prices Per Gross

No. 404-DE	Dead Black Electro Plate	\$11.20	No. 404-DB	Dull Brass	.....	10.00
No. 404-OC	Old Copper	10.00	No. 404-N	Nickel	.....	12.00
No. 404-OCS	Old Copper Sand Finish	11.20	No. 404-OB	Oxidized Brass	.....	10.00
No. 404-Bz	Bronze	10.00	No. 404-OBS	Oxidized Brass Sand Finish	.....	11.20

Other sand finishes and special finishes furnished when specified.

Packed one dozen in a box, with screws to match.

Weigh 21 lbs. per gross.

Screen Door Handle**No. 3040****Pressed Steel****List Prices Per Dozen**

No. 3040-DE	Dead Black Electro Plate	\$.80
No. 3040-OC	Old Copper .....	.50
No. 3040-OCS	Old Copper Sand Finish .....	.70
No. 3040-Bz	Bronze .....	.50
No. 3040-DB	Dull Brass .....	.50
No. 3040-N	Nickel .....	.80
No. 3040-OB	Oxidized Brass .....	.50
No. 3040-OBS	Oxidized Brass Sand Finish .....	.80
No. 3040-J	Japanned .....	.36

Made of best quality Cold Rolled Steel in one size only, 3½ in. inside, and 5 in. over all. Large and roomy, graceful in design and moderate in price.

Packed three dozen in a box, with No. 6 screws.

Weight per box, 3 lbs.

Screen Door Handle**No. 3050****Pressed Steel Japan Finish**

This handle is especially suited for screen door use. It may be used, however, for any purpose for which a strong medium size handle is desired.

Packed three dozen in a box, with screws.

Pressed Steel Door Handles

**No. 2040**

List Prices Per Dozen

		$2\frac{3}{4}''$	$3\frac{1}{2}''$	$4\frac{1}{2}''$
No. 2040-J	Japanned	\$.36	\$.36	\$.48
No. 2040-OC	Old Copper .....	.50	.50	.60
No. 2040-OCS	Old Copper Sand .....	.60	.60	.70
No. 2040-Bz	Bronze .....	.50	.50	.60
No. 2040-DB	Dull Brass .....	.50	.50	.60
No. 2040-N	Nickle .....	.70	.70	.80
No. 2040-OB	Oxidized Brass.....	.50	.50	.60
No. 2040-OBS	Oxidized Brass Sand.....	.60	.60	.70

Packed three dozen in a box, with screws to match

Weight per box

$2\frac{3}{4}''$	.....	1 lb. 8 oz.
$3\frac{1}{2}''$	.....	2 lb. 8 oz.
$4\frac{1}{2}''$	.....	3 lb. 6 oz.

**No. 206****No. 207**

Japanned

No. 208

Japanned

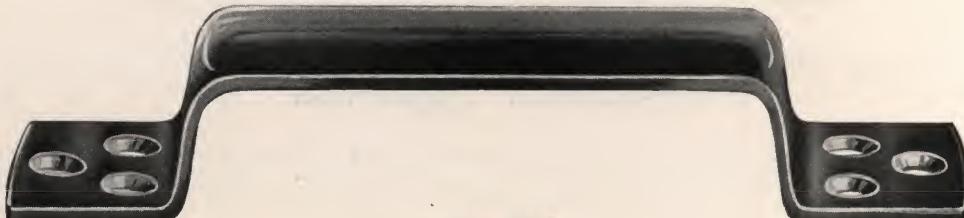
List Prices Per Dozen

No. 206— $4\frac{1}{2}''$	\$.30
(This size is the same as No. 2040- $4\frac{1}{2}''$)	
No. 207— $6\frac{1}{4}''$.....	.50
No. 208— $8''$.....	.80

Packed 1 dozen in a box.

Weight per dozen

No. 206.....	1 lb.
No. 207.....	2 lb. 8 oz.
No. 208.....	3 lb. 8 oz.

**No. 208**

Pressed Steel Push Plates



No. 310

Bevel Edge

Size $2\frac{3}{4} \times 10$.

These plates are made of cold rolled steel heavily plated for hard wear.

List Prices per Dozen

No. 310-OC	Old Copper	\$2.00
No. 310-OCS	Old Copper Sand	2.25
No. 310-DB	Dull Brass	2.00
No. 310-Bz	Bronze	2.00
No. 310-OB	Oxidized Brass	2.00
No. 310-N	Nickel	2.40
No. 310-DE	Dead Black Electro plate	2.25

Push plates are packed with screws. One dozen complete in a box. Weight per dozen $3\frac{1}{4}$ lbs.

Pressed Steel Drawer Pull



No. 2240

$3\frac{1}{4}$ " and $3\frac{3}{4}$ "

List Prices

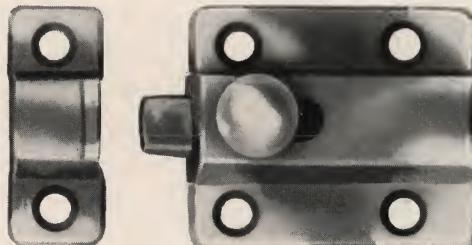
Number	Finish	$3\frac{1}{4}$ -inch	$3\frac{3}{4}$ -inch
No. 2240-J	Japanned	\$3.00	\$3.60 Gross
No. 2240-OC	Old Copper	6.00	7.20 Gross
No. 2240-OCS	Old Copper Sand	7.20	8.40 Gross
No. 2240-DB	Dull Brass	6.00	7.20 Gross
No. 2240-Bz	Bronze	6.00	7.20 Gross
No. 2240-N	Nickel	8.40	9.00 Gross
No. 2240-OB	Oxidized Brass	6.00	7.20 Gross
No. 2240-OBS	Oxidized Brass Sand	7.20	8.40 Gross

Other sand finishes and special finishes furnished when specified.

Packed 3 dozen in a box, with screws.

Weight: $3\frac{1}{4}$ in., per box $2\frac{1}{8}$ lbs.; $3\frac{3}{4}$ in., per box, $2\frac{3}{4}$ lbs.

Pressed Steel Cupboard Catch



No. 133

List Prices

Number		Per Dozen
No. 133-OC	Old Copper	\$1.60
No. 133-DB	Dull Brass	1.60
No. 133-Bz	Bronze	1.60
No. 133-OB	Oxidized Brass	1.60
No. 133-N	Nickel	2.00

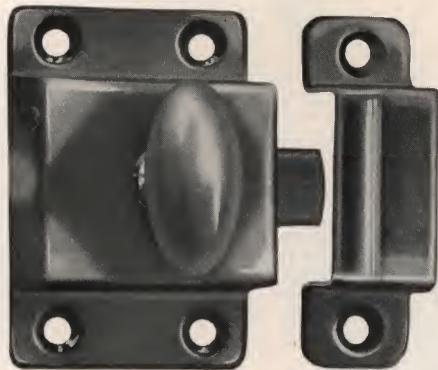
Sand finishes and special finishes furnished when specified.

Made of cold rolled steel.

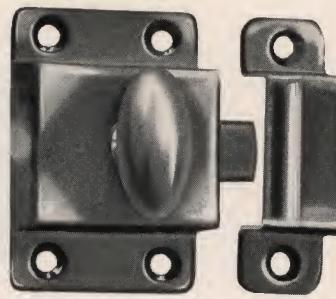
Packed one dozen in a box, with No. 5 screws.

Weight per dozen, 1 lb.

Cupboard Turns



No. 134 Large



No. 136 Small

Pressed Steel Popular Finishes

No. 134 Large	No. 136 Small	Finishes	No. 134 List	No. 136 List
134-OC	136-OC	Old Copper	\$2.00	\$1.80
134-OCS	136 OCS	Old Copper Sand	2.25	2.00
134-DB	136-DB	Dull Brass	2.00	1.80
134-Bz	136-Bz	Bronze	2.00	1.80
134-OB	136-OB	Oxidized Brass.....	2.00	1.80
134-OBS	136-OBS	Oxidized Brass Sand.....	2.25	2.00
134-N	136-N	Nickel	2.40	2.20
134-DE	136-DE	Dead Black Electro Plate ...	2.25	2.00

Other sand finishes and special finishes furnished when specified.

These cupboard turns are made of cold rolled steel.

Packed one dozen in a box, with screws.

Weight per dozen, $2\frac{1}{4}$ lbs.

All Steel Coat and Hat Hook



No. 23

List Price Per Dozen

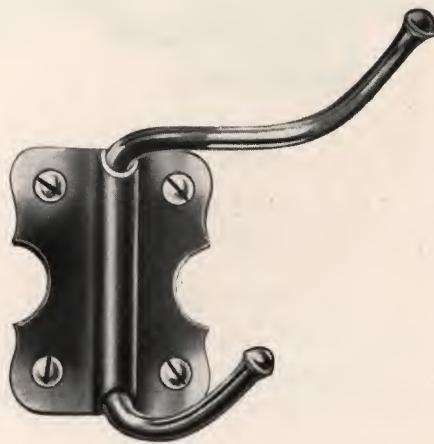
Number	Finish	3-inch with No. 5 Screw	4-inch with No. 6 Screw	5-inch with No. 7 Screw
No. 23-OC	Old Copper	\$0.80	\$0.90	\$1.00
No. 23-OCS	Old Copper Sand	1.00	1.10	1.20
No. 23-DB	Dull Brass .....	.80	.90	1.00
No. 23-Bz	Bronze .....	.80	.90	1.00
No. 23-OB	Oxidized Brass.....	.80	.90	1.00
No. 23-OBS	Oxidized Brass Sand.....	1.00	1.10	1.20
No. 23-N	Nickel	1.10	1.20	1.40
No. 23-DE	Dead Black Electro Plate	1.00	1.10	1.20
No. 23-J	Japanned .....	.60	.70	.80

Sand finishes and special finishes furnished when specified.

Packed three dozen in a box, with screws to match.

3 dozen 3 in. hooks weigh	3½ lbs.
3 dozen 4 in. hooks weigh	5 lbs.
3 dozen 5 in. hooks weigh	8 lbs.

All Steel Coat and Hat Hook



No. 24

	List Price Per Dozen	4 in.	5 in.
No. 24-J	Japanned	\$.70	\$.80
No. 24-OC	Old Copper .....	.90	1.00
No. 24-DB	Dull Brass .....	.90	1.00
No. 24-Bz	Bronze .....	.90	1.00
No. 24-N	Nickel	1.20	1.40
No. 24-OB	Oxidized Brass .....	.90	1.00

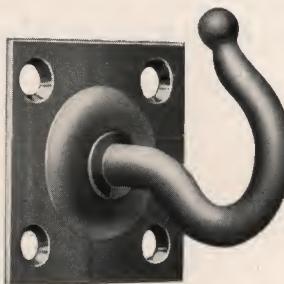
Sand finishes and special finishes furnished when specified.

Packed three dozen in a box with screws.

3 dozen 4 in. hooks weigh 7 lbs.

3 dozen 5 in. hooks weigh 11 lbs.

Clothes Line Hook



No. 27

This hook is made of heavy steel wire riveted into a steel plate. Packed one dozen in a box with screws complete.

List Prices per Dozen

Japan \$.70 Galvanized \$.90

Weight per dozen $3\frac{1}{2}$ lbs.

Furnished in galvanized and japanned finishes.

Hammock Hook



No. 28

This hook is safe for hanging any hammock. The hook is made of heavy steel wire securely hooked into strong plate staple. The staple is riveted and will not pull out.

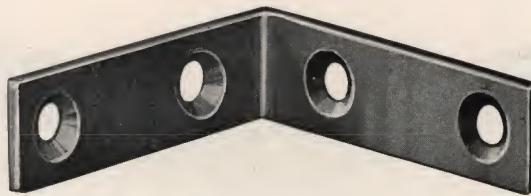
Furnished in galvanized and japanned finishes.

List Prices per Dozen

Japan \$.80 Galvanized \$1.00

Weight per dozen $5\frac{1}{2}$ lbs.

Wrought Steel Corner Brace



No. 130

Size Length of Sides, Inches	No. 130 Plain Steel per Dozen	No. 130-G Galvanized per Dozen	Width Inches	Size of Screw
1	\$0.20	\$0.28	1/2	7
2	.40	.55	5/8	8
3	.60	.80	3/4	9
4	1.00	1.30	7/8	10
5	1.50	2.00	1	11
6	1.80	2.40	1 1/8	11

3 inch and smaller packed two dozen in a box; 4 inch and larger, one dozen.

Wrought Steel Flat Corner Iron



No. 131

Plain Steel

Length of Sides Inches	Width Inches	Per Dozen
2	3/8	\$0.22
2 1/2	3/8	.24
3	5/8	.33
3 1/2	3/4	.40
4	7/8	.50
5	7/8	.58
6	1	.67

Two dozen in a box.

Wrought Steel Corner Iron



No. 132

Made of No. 12 Steel

Length of sides, $4\frac{1}{2}$ inches

Size, width, inches	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$
Per Dozen	\$0.56	\$0.56	\$0.56	\$0.71	\$0.85

Countersunk for No. 9 Screw.

Two dozen in a box.

Wrought Steel Mending Plate



No. 129

Size, Length Inches	No. 129 Plain Steel	No. 129-G Galvanized	Width Inches	Screw Holes	Size of Screw
2	\$0.30	\$0.37	$\frac{5}{8}$	2	7
3	.40	.50	$\frac{3}{4}$	4	7
4	.50	.65	$\frac{7}{8}$	4	8
5	.60	.78	1	4	8
6	.70	.95	$1\frac{1}{8}$	4	9

Two dozen in a box.

Wrought Hasp and Staples



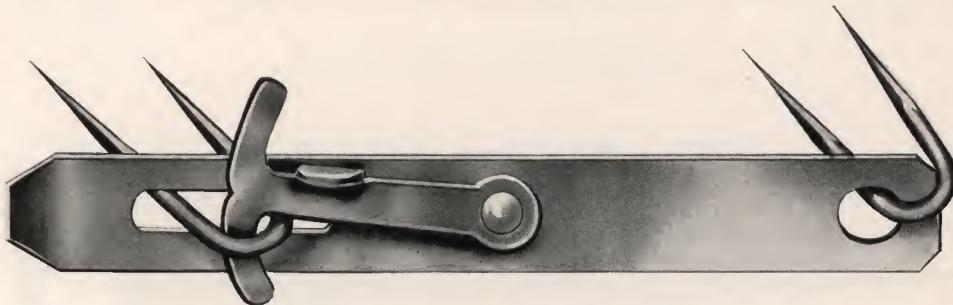
List Prices Per Dozen

	5-in.	6-in.	7-in.	8-in.	9-in.	10-in.
Bright Steel.....	\$0.90	\$1.00	\$1.10	\$1.30	\$1.70	\$2.00
Weight per doz.....	2	2½	2¾	3¼	4½	5

Extra Heavy

	8-in.	9-in	10-in.
Bright Steel.....	\$2.75	\$3.25	\$3.75
Weight per doz.....	6½	8	9

Wrought Hasp Hook and Staples



List Prices Per Dozen

	5-in.	6-in.	7-in.	8-in.	9-in.	10-in.	12-in.
Bright Steel.....	\$1.20	\$1.40	\$1.60	\$1.80	\$2.20	\$2.50	\$3.84
Weight, per dozen.....	2	2½	3½	4	5½	6	8

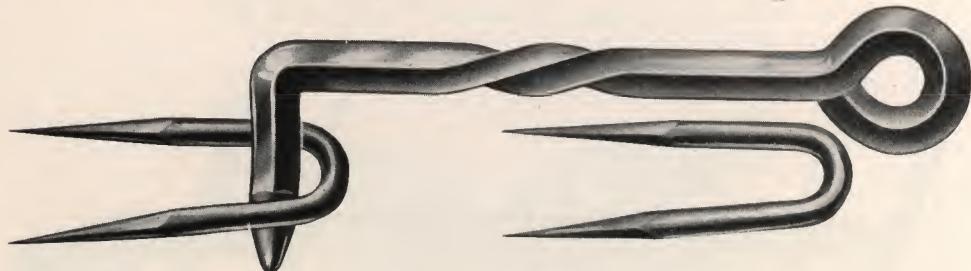
Extra Heavy

	8-in.	9-in.	10-in.
Bright Steel.....	\$4.00	\$4.50	\$5.00
Weight per dozen.....	7½	8¼	10

All packed one dozen in a box, with Staples.

Can be furnished Japanned or Galvanized if desired.

Wrought Square Hook and Staples



Diamond Pattern

List Prices Per Gross

Regular

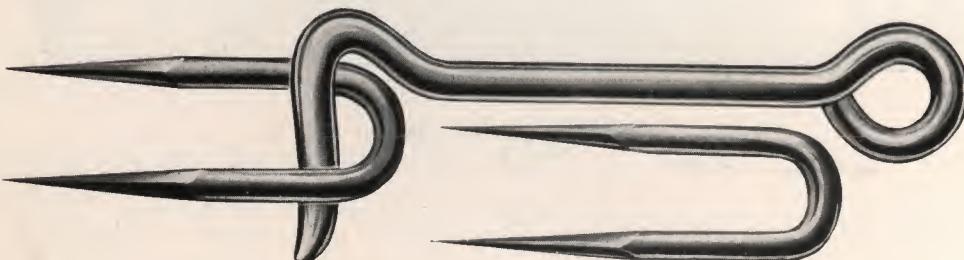
		Weight per Gross
3 inch	\$ 8.00	10 lbs.
3½ inch	9.00	10½ lbs.
4 inch	10.00	14 lbs.
4½ inch	11.00	18¼ lbs.
5 inch	12.00	20½ lbs.
5½ inch	13.00	26½ lbs.
6 inch	14.00	28¾ lbs.

Extra Heavy

4 inch	\$13.00	22⅓ lbs.
5 inch	16.00	34 lbs.
6 inch	19.00	37 lbs.

Packed one-quarter gross in a box.

Wire Hook and Staples

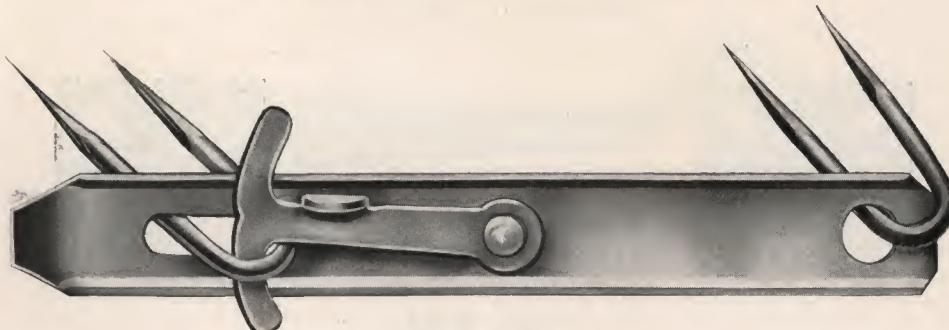


List Prices Per Gross

	Weight per Gross
4 inch ($\frac{1}{4} \times 4$)	\$15.00
4½ inch ($\frac{1}{4} \times 4\frac{1}{2}$)	16.50
5 inch ($\frac{5}{6} \times 5$)	24.00
6 inch ($\frac{5}{6} \times 6$)	30.00

Quarter gross in a box.

Channel Hasp With Hook and Staples



No. 120

A Strong Substantial Hasp

The edges of this Hasp are turned up $\frac{3}{16}$ of an inch, giving it three times the strength of the regular Hasp. The hole for the hook rivet is embossed so as to bring the hook even with the raised edges of the Hasp.

We furnish these in two sizes, 6 inch and 8 inch, packed one dozen in a box, complete with Staples.

List Prices

		Weight per Doz.
6 inch	\$1.80 per dozen	$2\frac{1}{2}$ lbs.
8 inch	2.00 per dozen	$3\frac{5}{8}$ lbs.

Bright Wire Gate Hook and Eyes



List Prices

	Per Gross	Weight Per Gross
1 $\frac{1}{2}$ inch (1 gross in box)	\$4.00	38 lbs.
2 inch ($\frac{1}{2}$ gross in box)	5.00	$4\frac{3}{4}$ lbs.
2 $\frac{1}{2}$ inch ($\frac{1}{2}$ gross in box)	6.00	$6\frac{3}{5}$ lbs.
3 inch ($\frac{1}{2}$ gross in box)	7.50	$8\frac{3}{4}$ lbs.

These hooks can also be furnished in Japanned or Plated Finishes if desired.

Wire Hook With Plate Staples



No. 121

5 inch ($\frac{5}{16} \times 5$) \$30.00

Weight Per Gross $47\frac{1}{2}$ lbs.

Quarter Gross in a box.

All Steel Turn-Button



No. 127

This new Turn-Button is a marked improvement over the old style cast turns. It weighs less, takes a better finish and is much stronger and is more durable.

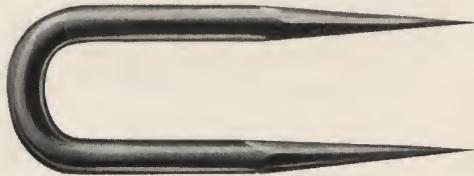
Finishes furnished in Galvanized or Japan finish.

We Japan the Turn-Buttons by a special method which ensures a bright, lasting finish. Our Japan is jet black.

Sizes and prices	Wieght per Gross	Japan	List Price Per Gross
1 $\frac{1}{2}$ inch	1 $\frac{3}{4}$ lbs.	\$0.50	Galvanized
1 $\frac{3}{4}$ inch	2 $\frac{1}{4}$ lbs.	.60	.70
2 inch	2 $\frac{7}{8}$ lbs.	.72	.82
2 $\frac{1}{4}$ inch	3 $\frac{1}{16}$ lbs.	.90	1.00

1 $\frac{1}{2}$, 1 $\frac{3}{4}$ and 2 inch sizes are packed one gross in a box; 2 $\frac{1}{4}$ inch size is packed one-half gross in a box.

Wrought Staples



List Prices Per Gross

Size	Bright Wire	Japanned	Galvanized	Per Gross Weight per Gross
1	\$1.20	\$1.40	\$1.80	15 oz.
1½	1.20	1.40	1.80	1 lb. 2 oz.
1½	1.25	1.50	2.25	1 lb. 12 oz.
1¾	1.50	1.75	2.50	2 lb. 3 oz.
2	1.70	2.00	3.00	3 lb.
2¼	2.00	2.35	3.50	3 lb. 6 oz.
2½	2.35	2.75	4.00	4 lb. 3 oz.
2¾	2.65	3.10	5.00	5 lb. 3 oz.
3	3.20	3.75	6.00	6 lb. 4 oz.
3½	3.70	4.35	7.00	7 lb. 5 oz.
4	5.25	6.20	9.00	11 lb.
1½-3 Assorted	2.00	2.40	3.75	3 lb.
1½-3½ Assorted	2.10	2.60	4.00	3 lb. 8 oz.

Heavy Wrought Staples

Bright Wire, Per Gross

¾ inch spread		7-32x2 inch	3.40
½x2 inch	\$ 3.40	7-32x2¼ inch	4.00
½x2½ inch	4.00	7-32x2½ inch	4.70
½x2½ inch	4.70	7-32x3 inch	5.50
½x2¾ inch	5.30		11-16 Spread
½x3 inch	6.40	½x2 inch	3.40
½x3½ inch	7.40	½x2½ inch	4.70
½x4 inch	10.50	½x2¾ inch	5.30
3-16x3 inch	4.00	½x3 inch	6.40
3-16x4 inch	5.25	½x3½ inch	7.40
5-8 or ¾ spread		7-32x2 inch	3.40
3-16x1¾ inch	2.75	7-32x2¼ inch	4.00
3-16x2 inch	3.00	3-16x2 inch	3.40
3-16x2½ inch	3.25	3-16x2¼ inch	4.00
3-16x2½ inch	3.50	3-16x2½ inch	4.70

Wrought Steel Washers



List Prices

Diameter	Size of Hole	Size of Bolt	Price per 100 lbs.
$\frac{9}{16}$	$\frac{1}{4}$	$\frac{3}{16}$	\$14.00
$\frac{3}{4}$	$\frac{5}{16}$	$\frac{1}{4}$	12.20
$\frac{7}{8}$	$\frac{3}{8}$	$\frac{5}{16}$	11.40
1	$\frac{7}{16}$	$\frac{3}{8}$	10.50
$1\frac{1}{4}$	$\frac{1}{2}$	$\frac{7}{16}$	9.80
$1\frac{3}{8}$	$\frac{9}{16}$	$\frac{1}{2}$	9.40
$1\frac{3}{4}$	$\frac{11}{16}$	$\frac{5}{8}$	9.20
2	$\frac{13}{16}$	$\frac{3}{4}$	9.10
$2\frac{1}{4}$	$\frac{15}{16}$	$\frac{7}{8}$	9.00
$2\frac{1}{2}$	$1\frac{1}{16}$	1	9.00

Packed in 5-pound boxes

Pipe Straps



Sizes

$\frac{1}{2}''$ $\frac{5}{8}''$ $\frac{3}{4}''$ $1\frac{1}{4}''$ $1\frac{1}{2}''$ $2''$ $2\frac{1}{2}''$ $3''$







